Date: Wed, 28 Apr 1999 21:23:17 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1441

QRP-L Digest 1441

Topics covered in this issue include:

  1) [39224] ARRL's Low Power Communications
     by Richard Arland <k7sz@epix.net>
  2) [39225] 2SC799's? / 2N4416A's!
     by "Dennis Payton" <dpayton@fwi.com>
  3) [39226] Re: National Parks QRP Contest - QRPpark?
     by "Richard Brummer" <obvious@bestweb.net>
  4) [39227] Re: Cherynobl Virus (Again)
     by "W. K. Hibbert" <wb2vuo@juno.com>
  5) [39228] Re: Propagation question
     by "Steve Yates, AA5TB" <aa5tb@swbell.net>
  6) [39229] Re: [Service Manual Help]
     by Roy Lincoln <wa4dou@usa.net>
  7) [39230] Lew Coppes latest O'scope listing
     by Michael Melland <badger@vbe.com>
  8) [39231] QRPTTF Scoring Question??
     by jsm@intergate.bc.ca (Steve McDonald)
  9) [39232] Funkamateur PA
     by Jerry Henshaw <jhenshaw@bellsouth.net>
 10) [39233] HAMCOM '99 Information Page
     by "Joe S" <joe@quadj.com>
 11) [39234] HAMCOM '99 Information Page
     by "Joe S" <joe@quadj.com>
 12) [39235] NORCAL KITS
     by "Thaire Bryant" <tbry37@ici.net>
 13) [39236] RE: [HomeBrew] Radio Building Blocks
     by "Roger A. McCarty" <rmccarty@earthlink.net>
 14) [39237] RE: QRP-L digest 1440
     by "McCloskey, Anthony" <AMcCloskey@mail.intracorp.com>
 15) [39238] RE: QRP-L digest 1440
     by "McCloskey, Anthony" <AMcCloskey@mail.intracorp.com>

Date: Wed, 28 Apr 1999 18:35:42 -0400
From: Richard Arland <k7sz@epix.net>
To: qrp-l@lehigh.edu
Subject: [39224] ARRL's Low Power Communications
Message-ID: <37278D3E.97D9A952@epix.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have just received word from the League that my new book, "ARRL's
Low Power Communication, The Art and Science of QRP" will be available
for Dayton.

The book went to the printer last Tuesday, and, providing there are no
last minute glitches, the finished product will be shipped directly
from the printer to the ARRL Booth at Dayton.

Price is $14.95/cy (not, repeat NOT $12 as orignally published in the
ARRL book catalog).

I will not be handling any of the distrabution of this volume. It will
be done entirely through the ARRL and their major ham radio book dealer
outlets.

I hope you all enjoy this new volume on QRP. It was fun to write and
I am confident that it will bring new QRPers into our ranks.

73 Rich K7SZ

Date: Wed, 28 Apr 1999 17:35:19 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [39225] 2SC799's? / 2N4416A's!
Message-ID: <002301be91c7$66c5a1a0$a8a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Can anybody tell me where I can get a good price on some 2SC799's?

Also, while looking for the 2SC799's I found 2N4416A's selling for $.20 each
from Mendelson Electronics in Dayton so I ordered a bunch of them. I've
never dealt with MECI before but I think they're a reputable company. I've
seldom seen 2N4416's sold for under $1.50. They're at http://www.meci.com/
if anyone is interested. The lady I ordered from on their 800 number
verified they were $.20 each.

Thanks,

Denny Payton, N9JXY
Auburn, IN

Date: Wed, 28 Apr 1999 18:50:22 -0400
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.edu>,
<jeff.logullo@sun.com>
Subject: [39226] Re: National Parks QRP Contest - QRPpark?
Message-ID: <002501be91c9$80528be0$1a06b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, I was wondering when someone was going to ask that question.

It's the Cable Cars of San Francisco.

73,
Dick K2REB
-----Original Message-----
From: Jeff Logullo <jeff.logullo@Central.Sun.COM>
To: obvious@bestweb.net <obvious@bestweb.net>
Date: Wednesday, April 28, 1999 6:00 PM
Subject: Re: National Parks QRP Contest - QRPpark?

>Boy, are you a tease!
>
>It must be a ship... right?
>
>
>Richard Brummer wrote:
>>
>> Maybe some enterprising QRP-L member could find a way to operate from the
>> only mobile National Monument in the U.S.
>>
>> 73,
>> Dick K2REB
>
>--
>

Date: Wed, 28 Apr 1999 19:02:36 -0400
From: "W. K. Hibbert" <wb2vuo@juno.com>
To: qrp-l@lehigh.edu
Subject: [39227] Re: Cherynobl Virus (Again)
Message-ID: <19990428.190324.-79161.1.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>From what the Tech Support guys told me at Norton, if you download a
self-extracting .EXE file and scan it, a virus may not show up, espcially
if it is embedded in one of the files to be extracted, or it is in the
self-extracting package.

I have a number of older boards, and was downloading drivers for myself
and family, and only checked the files when I downloaded. I probably got
"infected" when I installed one of the drivers as I was NOT checking the
extracted file afterwards.

I will, in the future, check everything I download both when downloading
and after extracting, unZipping, Exploding or whatever.

Fortunately, I only lost data and time. I used my Win95 startup disk to
get back into the computer, went toFDISK and checked the partitions,
deleted the Non-DOS partitions (all of the drive), re-paritioned the
drive and reformatted. Drastic, but it seems to have worked.

I DID lose a drive earlier in the weekend, but that was a bearing failure
(on a 3-week-old drive!), and had nothong to do with the Cherynobl Virus,
I hope...

Lots of fun (??)

72/73, Keith, WB2VUO

____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 28 Apr 1999 18:10:29 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>

To: <rakefet@rakefet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39228] Re: Propagation question
Message-ID: <003101be91cc$8674a5a0$0d37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I noticed the lack of central Asian and European stations last night as well even though other paths were good. I have one possible explanation although I really don't know.

It is getting close to sporadic-E season and I have noticed that on occasion a good sporadic-E patch in one location can cut off a DX path to another location.

Elaboration if interested:

The E layer of the ionosphere is at a relatively low altitude compared to the F layers that are usually responsible for DX propagation. The intense ionization of sporadic E can sometimes prevent energy from reaching the F layer. I didn't notice any sporadic-E propagation last night at my location but that doesn't mean there wasn't any somewhere, like maybe in the polar regions. Sporadic-E creates short distance propagation (<1200 miles) with MUFs (Maximum Useable Frequencies) well into the VHF region with signals taking on a rather deep QSB. On 20 meters sporadic-E propagation may go unnoticed except for very short distance skywave propagation and lack of DX if the sporadic-E is widespread.

Has anyone noticed any good short skip conditions on 6 meters yet?

By the way, sporadic-E is pretty unpredictable by nature although there are some things that are known to cause it. Solar flux seems to have little "direct" effect. Sporadic-E is what keeps the higher bands alive during the sunspot minimums.

This is my guess and I'm sticking to it :-)

73,
Steve Yates
AA5TB
Fort Worth, TX
http://home.swbell.net/aa5tb
aa5tb@swbell.net

Date: 28 Apr 99 19:24:37 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: k3chp@erols.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39229] Re: [Service Manual Help]
Message-ID: <19990428232437.20427.qmail@nwcst058.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Joseph Mikuckis <k3chp@erols.com> wrote:
Can someone give me a lead as to how and where I can obtain a service
manual for Kenwood TS-430S?

Thak you very much!

Joe, K3CHP
Riverdale, MD
---=
-
Hi Joe,
  Call Kenwood on their amateur line and they can direct you to the sourc=
e. =

73 Roy WA4DOU
---=
-

____
Get free e-mail and a permanent address at http://www.netaddress.com/?N=3D=
1

Date: Wed, 28 Apr 1999 18:45:25 -0500
From: Michael Melland <badger@vbe.com>
To: qrp-l@Lehigh.EDU
Subject: [39230] Lew Coppes latest O'scope listing
Message-ID: <37279D95.2BB4@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here is the latest listing that Lew Coppes has posted on some of his
used O'scopes. I encourage you to e-mail him for his full
listing....lots of very nice stuff ! Many of you will remember my post

regarding the Tek 7603 I purchased from him several months ago.... what a machine ! Again, I'm not related to Lew nor do I get any compensation for posting his e-mail here. I'm just a very satisfied customer of his and he's always willing to assist a qrp'er with electronics gear and advice..... his post follows.... 73

TEK 335 35 MHz Dual Trace Portable $200
Operates from AC or DC, has delayed sweep, measures as low as 1 mV. Includes case, probe, manual.

TEK 442 35 MHz Dual Trace Portable w/TV Synch $125

TEK 465M 100 MHz Dual Trace Portable w/1X probe $200

Visa, MasterCard, accepted. Personal checks or Money Orders welcome.

These are only a few of the hundreds of items we have on-hand. For our latest list, just send email to: lcoppes@primenet.com with "Request List" in Subject line.

Lew Coppes Coppes Enterprises Tucson, AZ
lcoppes@primenet.com Voice: 520-749-8471 FAX: 520-760-7780

--
Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal
CW, SSB, and Electronics
List Administrator: grundig@qth.net
http://www.qsl.net/w9wis

Date: Wed, 28 Apr 1999 17:11:23 -0700 (PDT)
From: jsm@intergate.bc.ca (Steve McDonald)
To: qrp-l@Lehigh.EDU
Subject: [39231] QRPTTF Scoring Question??
Message-ID: <199904290011.RAA29805@cherokee.intergate.bc.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What a blast it was working so many dedicated QRP nuts this past weekend! A huge effort by all those who struggled out to the border...THANK YOU for making the contest so much fun!!

For what its worth, I do concure with the recent posting regarding the

"coyote" factor, and I would certainly favor the change to ARRL section exchange rather than state.

Now...sat down to tally my score last night and came to a screeching halt...if I am to follow the rules, I will need some direction here...

If I am a U.S. station, I get 5 points per domestic (U.S.) QSO and 10 points per non domestic (VE) QSO.

Now if I am in Canada...I get 5 points per domestic QSO, which would be another VE and 10 points per non domestic QSO (USA)?

Help?

Steve / VE7SL / 4.8W / 3el @ 16m

Date: Wed, 28 Apr 1999 20:25:49 -0400
From: Jerry Henshaw <jhenshaw@bellsouth.net>
To: "'QRP List'" <qrp-l@Lehigh.EDU>
Subject: [39232] Funkamateur PA
Message-ID: <01BE91B5.50228420@host-216-77-209-122.fll.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

I just read Peter's posting on the manual error concerning TR1. It appears that the secondary and primary windings are reversed in the instructions. This is true for both the German and English versions of the manual. Peter says the turns ratio should be 4 : 1 -- it appears to me that the turns ratio is 2:1 4 turns on the primary and 2 turns on the secondary.

He has reversed the 3 / 4 windings (swapping the phase) so that you do not have to criss-cross the windings on the pc board.... a good idea.

If the transformer is indeed reversed, that would explain the low output some of us are experiencing. Has anyone re-wound TR1 and if so what is your power output with the corrected transformer?

I have both of my transformers coated in several layers of clear finger nail polish.... looks like a job for acetone. Anyway, I didn't want to soak my transformer and rewind it if it doesn't improve the power output.

Thanks in advance for your input on this issue.

72's

Jerry Henshaw
    KR5L/4

Date: Wed, 28 Apr 1999 19:35:37 -0500
From: "Joe S" <joe@quadj.com>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Subject: [39233] HAMCOM '99 Information Page
Message-ID: <007701be91d8$34443000$abd132ce@joes>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

In an effort to compile all the latest HAMCOM 1999 information in one place,
I have put together a page that has the latest information and links to
other souces of information pertatining to HAMCOM events, contests, times,
attendees, etc.   Please check back for updates and please send me any new
updates you may have or information you would like posted.

72.3 Joe KK5NA

To run from your demon is to have him pursue you.
It is better to meet him in his world, than to face him in yours!

Visit the RACC QRP Home Page at http://www.k5rac.org
Visit the FISTS Web page at http://www.FISTS.org
Visit NORTEX QRP Home PAGE at http://www.quadj.com/nortex.htm

---

Date: Wed, 28 Apr 1999 19:38:23 -0500
From: "Joe S" <joe@quadj.com>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Subject: [39234] HAMCOM '99 Information Page
Message-ID: <008301be91d8$975d7340$abd132ce@joes>
MIME-Version: 1.0

Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I can't believe I forgot the URL...here it is...
http://www.k5rac.org/HAMCOMinfo.htm
Joe KK5NA

Date: Wed, 28 Apr 1999 20:45:30 -0400
From: "Thaire Bryant" <tbry37@ici.net>
To: <qrp-l@lehigh.edu>
Subject: [39235] NORCAL KITS
Message-ID: <199904290034.UAA05706@bajor.ici.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was on "SUSPEND" for a couple of weeks on vacation,
did Norcal (Doug & team) announce a capacitor kit?

Thaire W2APF

Date: Thu, 29 Apr 1999 00:48:06 -0000
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39236] RE: [HomeBrew] Radio Building Blocks
Message-ID: <001301be91d9$f1ae1100$0100000a@accurate-main>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

 they
used plastic blocks with
magnetic strips on the sides to make the inter-connections,
the circuit
schematic was drawn on
the top of the blocks and you built the circuit by putting

the blocks
together in the proper manner.

Are you serious?

I don't know why but this strikes me as very funny. A bunch
of grown adults playing with blocks, come-on!

"Johnny, are you sure you want to put that doubly balanced
mixer block in front of the first RF block?" "Does anybody
else have a better idea?"

Roger KD6CC

Date: Wed, 28 Apr 1999 20:40:42 -0400
From: "McCloskey, Anthony" <AMcCloskey@mail.intracorp.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [39237] RE: QRP-L digest 1440
Message-ID: <67329D189FD6D011A52E00805F194EF484A9C0@tlp-exch.intracorp.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Hi all:
Yesterday I saw a number of messages concerning the use of radio building
blocks. I think that is a great idea. While using such blocks might not be
perfect, it would be great for determining if certain configurations would
work. It would be more fun than emulating these circuits using a pc.

Tony McCloskey, WA3CAO

> -----Original Message-----
> From: qrp-l@Lehigh.EDU [SMTP:qrp-l@Lehigh.EDU]
> Sent: Wednesday, April 28, 1999 7:27 PM
> To: Low Power Amateur Radio Discussion
> Subject: QRP-L digest 1440
>
>   QRP-L Digest 1440
>
> Topics covered in this issue include:
>
>   1) [39128] Re: Re.Funny ads
>   by k5zty@juno.com
>   2) [39129] national parks etc.

>   by crc <crc@io.com>
>   3) [39130] RE: DX Cluster
>   by "Roger A. McCarty" <rmccarty@earthlink.net>
>   4) [39131] Re: [antenna question]
>   by Roy Lincoln <wa4dou@usa.net>
>   5) [39132] Re: NORCAL KIT
>   by Jeff Johns <jeffj@scott.net>
>   6) [39133] Re: Wanted: RS12 sked with KH6 and KL7
>   by Jeff Johns <jeffj@scott.net>
>   7) [39134] next norcal kit...wish
>   by Mighty Mik <mitymik@hooked.net>
>   8) [39135] For sale
>   by "Doc" <doctor@mediaone.net>
>   9) [39136] Spring Bouqet
>   by Bruce Rattray <rattray@gpfn.sk.ca>
> 10) [39137] FS: Dentron Tuner
>   by "Richard Arland" <r_arland@hotmail.com>
> 11) [39138] Re: [39086] QST CD-ROMs: Who sells?
>   by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
> 12) [39139] Re: Re.Funny ads
>   by Pete Burbank <plburbank@kih.net>
> 13) [39140] Hellllllooooo.....
>   by Fred Lesnick <flesnick@tbaytel.net>
> 14) [39141] Worked All Truck Stops (Was: National Parks)
>   by Chris Trask <ctrask@primenet.com>
> 15) [39142] Re: TS-830S QRP
>   by "Kevin F. Glynn" <kfglynn@prodigy.net>
> 16) [39143] Re: National Parks QRP Contest - QRPpark
>   by "Kevin F. Glynn" <kfglynn@prodigy.net>
> 17) [39144] Re: Cherynobl VIrus Hits!
>   by J38AL@aol.com
> 18) [39145] Patch Boxes for keyers, headphones, and stuff
>   by Dave Redfearn <n4elm@texoma.net>
> 19) [39146] Re: Cherynobl VIrus Hits!
>   by Ron Keener <rkeener@realtime.net>
> 20) [39147] Spring Bouquet - Mayflower
>   by Ben Pooley <bpooley@bar.auracom.com>
> 21) [39148] Re: Patch Boxes for keyers, headphones, and stuff
>   by Bob Hightower <ki7mn@extremezone.com>
> 22) [39149] dl-qrp-pa ..... saga!
>   by "Walter D. Amos" <waltk8cv@surfree.com>
> 23) [39150] Regarding preregistration prize
>   by Mike Czuhajewski <wa8mcq@erols.com>
> 24) [39151] Chernobyl Virus and reformatting HD
>   by Roger Hightower <n7kt@earthlink.net>
> 25) [39152] AL7FS and AL7OK QRPTTF Photos
>   by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
> 26) [39153]

>   by Mohammad Rahman <mrahman@student.sg.umuc.edu>
> 27) [39154] Mistake in DL-QRP-PA manual
>   by "Peter Zenker" <Peter_DL2FI@csi.com>
> 28) [39155] Key
>   by "Francis Callahan" <colcal@srv.net>
> 29) [39156] QRP Quarterly
>   by jbhenson@zebra.net (James Bartley Henson III)
> 30) [39157] Re:
>   by Phil Rutledge <phil@graphent.com>
> 31) [39158] NorCal resister kit arrived
>   by "Toru Kato" <jg1rvn@inv.co.jp>
> 32) [39159] Baton Rouge Hamfest & QRP Forum
>   by sda <sda@bellsouth.net>
> 33) [39160] Re:
>   by "Mike Yetsko" <myetsko@insydesw.com>
> 34) [39161] Re: next norcal kit...wish
>   by Zack Lau <zlau@arrl.org>
> 35) [39162] Re: Worked All Truck Stops (Was: National Parks)
>   by Bruce Kizerian <kizerian@ced.utah.edu>
> 36) [39163]
>   by "Steven K. Anspach" <spach@ida.net>
> 37) [39164] tt aRGOSY 525
>   by Scott Howell <whowell@hq.nasa.gov>
> 38) [39165] Re: Worked All Truck Stops (Was: National Parks)
>   by Chris Trask <ctrask@primenet.com>
> 39) [39166] RE: National Parks QRP Contest - QRPpark?
>   by "Rattray, Bruce" <Rattray@siast.sk.ca>
> 40) [39167] QRPTTF Backpacking trip
>   by Jeff Grudin <grudin@pacific.vdbs.com>
> 41) [39168] Re: Chernobyl Virus and reformatting HD
>   by "J. W. (Dub) Thornton" <dub@oklahoma.net>
> 42) [39169] Re: National Parks QRP Contest - QRPpark?
>   by "Richard Brummer" <obvious@bestweb.net>
> 43) [39170] Sealed Lead Acid Batt. info
>   by Michael Maiorana <mikemo@ibm.net>
> 44) [39171] Paul - NA5N e-mail bouncing!
>   by jsm@intergate.bc.ca (Steve McDonald)
> 45) [39172] Propagation question
>   by Vic Rosenthal <rakefet@rakefet.com>
> 46) [39173] Re: TS-830S QRP
>   by "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
> 47) [39174] Re: QRP Quarterly
>   by Ron Stark <ku7y@dri.edu>
> 48) [39175] Kitchin's Comment--1 Transistor Regen
>   by Bruce Kizerian <kizerian@ced.utah.edu>
> 49) [39176] Re: TS-830S QRP
>   by Vic Rosenthal <rakefet@rakefet.com>
> 50) [39177] NC20 Sidetone Mod (semi-long)

>   by Larry East <w1hue@amsat.org>
> 51) [39178] Re: National Parks QRP Contest - QRPpark?
>   by Jeff <fantbb@yahoo.com>
> 52) [39179] Solar/Battery/Cranked AM/FM Radio for $19.99
>   by "Karty, Steven" <kartys@ncs.gov>
> 53) [39180] Re: National Parks QRP Contest - QRPpark?
>   by elawson@lr.net (Ed Lawson)
> 54) [39181] xtals wanted
>   by jim seeber <kw3u@warwick.net>
> 55) [39182] Antenna switch
>   by Chuck Leskie <cleskie@um-f1.umd.umich.edu>
> 56) [39183] Re: Re.sealed batteries
>   by Joseph Burgess <joew3pnl@netcarrier.com>
> 57) [39184] RE: Propagation question
>   by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
> 58) [39185] Which wire for the QRP-PA
>   by "Peter Zenker" <Peter_DL2FI@csi.com>
> 59) [39186] Portable/QRP ops - with Kenwood TS-520
>   by HWRM1SS@aol.com
> 60) [39187] Re: National Parks QRP Contest - QRPpark
>   by "Carl Zmola" <zmola@campbellsci.com>
> 61) [39188] Re: Antenna switch
>   by "Tom Hybiske" <hybiske@generalatronics.com>
> 62) [39189] NC-20 transmitter Offset
>   by "Mark Hogan" <mhogan@email.msn.com>
> 63) [39190] Re: QRP ARCI prize for HamCom
>   by W5TB <w5tb@SoftHome.net>
> 64) [39191] Re: Propagation question
>   by dor <elbc@pivot.net>
> 65) [39192] (Fwd) Re: Worked All Truck Stops (Was: National Parks)
>   by "Carl Zmola" <zmola@campbellsci.com>
> 66) [39193] Re: Propagation question
>   by Vic Rosenthal <rakefet@rakefet.com>
> 67) [39194] FS: Tentec Delta-580 QRP<100W + WARC
>   by Bill Cotter <bcotter@pop.uky.edu>
> 68) [39195] Re: Chernobyl Virus and reformatting HD
>   by "David F. Kurth" <dfk@col.hp.com>
> 69) [39196] Sorry for that last message
>   by Jeff Grudin <grudin@pacific.vdbs.com>
> 70) [39197] Some thoughts on Seminars and FDIM
>   by PDouglas12@aol.com
> 71) [39198] Radio Building Blocks
>   by Jim Glover <psykey@okcforum.org>
> 72) [39199] Re: Some thoughts on Seminars and FDIM
>   by Bruce Muscolino <w6toy@erols.com>
> 73) [39200] Re: Radio Building Blocks
>   by frussle@erols.com (Jake Brodsky)
> 74) [39201] Re: [HomeBrew] Radio Building Blocks

>   by "William Phinizy" <k6whp@gte.net>
> 75) [39202] Re: [HomeBrew] Radio Building Blocks
>   by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
> 76) [39203] Fw: April 28, 20m bow-k
>   by "Down" <adown@sprint.ca>
> 77) [39204] Re: Solar/Battery/Cranked AM/FM Radio for $19.99
>   by Jim <w7ls@blarg.net>
> 78) [39205] AR-QRP 40 m Net Tonight
>   by Robsparks@aol.com
> 79) [39206] MPX-MINI By Digitrex
>   by Don Lefrancois <wb1cdh@cwix.com>
> 80) [39207] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
>   by Roy Lincoln <wa4dou@usa.net>
> 81) [39208] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
>   by Jim <w7ls@blarg.net>
> 82) [39209] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
>   by Randy Randall <RANDALLR@Healthall.com>
> 83) [39210] Diode?
>   by ke3fl@juno.com
> 84) [39211] QRP-ARCI Spring Quarterly ??
>   by Steve Kubisch <WW7Y@sisna.com>
> 85) [39212] Power Supply!
>   by "Charles Hamel" <cdhamel@pdq.net>
> 86) [39213] Radio and Electronics magazine
>   by "Ian C. Purdie" <purdic@integritynet.com.au>
> 87) [39214] Re: QRP-ARCI Spring Quarterly ??
>   by Ron Stark <ku7y@dri.edu>
> 88) [39215] Service Manual Help
>   by Joseph Mikuckis <k3chp@erols.com>
> 89) [39216] QTTF
>   by Bob Hightower <ki7mn@extremezone.com>
> 90) [39217] Re: Chernobyl Virus and reformatting HD
>   by "mail" <richqrp@home.com>
> 91) [39218] Dayton Roomate
>   by pierce@rice.edu (George F. Pierce)
> 92) [39219] WTB:Harvey Wells Bandmaster Tuner
>   by "Wilford D. Lindsey" <70511.3041@compuserve.com>
> 93) [39220] Re: Which wire for the QRP-PA
>   by "Walter D. Amos" <waltk8cv@surfree.com>
> 94) [39221] Re: National Parks QRP Contest - QRPpark?
>   by Tom Palmer <n1tp@worldnet.att.net>
> 95) [39222] 20W linear kit
>   by "Steven Weber" <kd1jv@moose.ncia.net>
> 96) [39223] 1998 President's Award
>   by Richard Arland <k7sz@epix.net>
>
> --
>

> Date: Mon, 26 Apr 1999 18:52:54 -0500
> From: k5zty@juno.com
> To: plburbank@kih.net
> Cc: qrp-l@Lehigh.EDU
> Subject: [39128] Re: Re.Funny ads
> Message-ID: <19990427.181729.6686.1.k5zty@juno.com>
>
> Be careful that you don't turn this list into a joke bulletin board.
>
> Bill, K5ZTY
>
> _____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 18:18:38 -0500
> From: crc <crc@io.com>
> To: QRPL <QRP-L@Lehigh.EDU>
> Subject: [39129] national parks etc.
> Message-ID: <372645CE.898FA4E2@io.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> How about just operate from the park,period. "QRP from the Park"
> I expect those that operate from a more exposed park will draw some
> interested onlookers and maybe a recruit or two. Maybe an extra bonus
> for any one bringing in a newbie during the contest.
> Charlie WA5KRF
> Austin, Tejas
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 16:30:01 -0700
> From: "Roger A. McCarty" <rmccarty@earthlink.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39130] RE: DX Cluster
> Message-ID: <000401be9105$df34dc40$0100000a@accurate-main>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit

>
> Thank you to everyone who responded with a referral. I have
> what I need, thanks once again to some of the finest
> individuals in the internet.
>
> 72
>
> Roger KD6CC
>
> -----Original Message-----
> From: Nathan Gordon [mailto:nathang@bigfoot.com]
> Sent: Tuesday, April 27, 1999 8:35 AM
> To: rmccarty@earthlink.net
> Subject: Re: DX Cluster
>
>
> Try this out. It is telnet, but works fine for me.
>
> http://www.cpcug.org/user/wfeidt/Misc/cluster.html
>
> 73,
> Nathan KF9LI
>
> ----- Original Message -----
> From: Roger A. McCarty <rmccarty@earthlink.net>
> To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
> Sent: Tuesday, April 27, 1999 10:19 AM
> Subject: DX Cluster
>
>
> Please Pardon the off topic intrusion. Don't know where else
> to ask.
>
> Is there an on-Line DX Cluster URL available?
>
> Thanks
>
> Roger A. McCarty ARS KD6CC So. Calif.
> http://www.qsl.net/kd6cc
> http://www.qsl.net/kr6lp
> Qrp-L #1555 KR6LP #1
>
>
>
>
>
>
> ------------------------------

>
> Date: 27 Apr 99 18:47:40 EDT
> From: Roy Lincoln <wa4dou@usa.net>
> To: JGold@tntech.edu, Low Power Amateur Radio Discussion
> <qrp-l@Lehigh.EDU>
> Subject: [39131] Re: [antenna question]
> Message-ID: <19990427224741.7372.qmail@nw176.netaddress.usa.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=US-ASCII
> Content-Transfer-Encoding: quoted-printable
> Content-Transfer-Encoding: quoted-printable
>
> Hi Jeff and Gang,
>   I don't know anything personally about the antenna you inquired about. =
> I've
> read that it is very tedious and critical to tune and i know that the
> dimensions of it can't produce much gain on 20 and 15 meters.
>   Mosley has a new antenna called the Mini 33 that they claim about 3 dbd=
> of
> gain for 20 meters and 3.8 or something like that for 15. For 10 the clai=
> m is
> 4.5 dbd. It has a 6 ft. boom and is 3 elements and the longest element is=
>
> around 16 ft. I think its priced a little over $300 and they sell factory=
>
> direct only ,i think. =
>
>   If i were in the market for a commercial antenna in the league you
> described, i think i would definitely check that one out.
>   Good luck and 73 Roy Lincoln WA4DOU =
>
>   p.s. Its the night before "closing" on a house, for me. Hopefully tomor=
> row i
> will be getting started with a new "antenna farm" on "my very own land!!!=
> " =
>
> :o)   =
>   =
>
>   =
>
> --=
> --=
> --
>   Je=
> ff
> Gold <JGold@tntech.edu> wrote:
> Anyone know anything about the Butternut HF5B small beam?

>
> thanks
> 72
> Jeff, AC4HF
>
>
> ____
> Get free e-mail and a permanent address at
> http://www.netaddress.com/?N=3D=
> 1
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 18:23:35 -0500 (CDT)
> From: Jeff Johns <jeffj@scott.net>
> To: qrp-l@lehigh.edu
> Subject: [39132] Re: NORCAL KIT
> Message-ID: <199904272334.SAA13437x@scott.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=iso-8859-1
> Content-Transfer-Encoding: 8bit
> Content-Transfer-Encoding: 8bit
>
> On 04-25 07:44am CDT, the following was written:
>
> > I'll second that. I too am looking for one. By this time next month I
> should
> > have passed the cw exam and will be ready to take to the woods! I
> already
> > have the base set up.   :o)
>
> I actually used my Rainbow the other night for the first time in an
> outdoor
> setting. I didn't make any contacts, but I have proven to myself that I
> can
> be stealthy and portable. I have a 1/2 wavelength longwire and a
> counterpoise hidden in my favorite hiding spot for those long dull night
> while on patrol. I'm hoping to get some use out of it this summer with my
> SW40+.
>
> 73 Jeff W4JEF
>
>
>   *--------- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 ----------*
> |jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
> | Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
> |200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
>   *---*

>
> Goin' Postal - HP 100/200LX (v3.04beta) REGISTERED
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 18:28:13 -0500 (CDT)
> From: Jeff Johns <jeffj@scott.net>
> To: qrp-l@lehigh.edu
> Subject: [39133] Re: Wanted: RS12 sked with KH6 and KL7
> Message-ID: <199904272335.SAA13637x@scott.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=iso-8859-1
> Content-Transfer-Encoding: 8bit
> Content-Transfer-Encoding: 8bit
>
> On 04-27 09:06am CDT, the following was written:
>
> > Anyone out there willing to try a sked on RS12 for KH6 and KL7? I am
> slowly
> > working on my WAS on the bird, QRP of course.
>
> Good luck Bob! I almost have WAS via AO-27, an HT and a whip antenna <g>.
>
> 73 Jeff W4JEF
>
>
>   *--------- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 ----------*
> |jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
> | Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
> |200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
>   *---*
>
> Goin' Postal - HP 100/200LX (v3.04beta) REGISTERED
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 16:46:14 -0700
> From: Mighty Mik <mitymik@hooked.net>
> To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
> Subject: [39134] next norcal kit...wish
> Message-ID: <37264C48.1A6FC80C@hooked.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854";
> x-mac-creator="4D4F5353"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
>

> >Hi all
> >Yje tiner sounds like a good idea. But how about a qrp 6M ssb xcvr ala
>
> >the MFJ 9406?
>
> >Bob
>
> YUCK! from what i've read , the 9406 will get you on, but if you get
> the oppertunity to get anything else, do it.
>
> that being said..i'd like to put in my $.02 for a 6 meter rig of some
> kind...since the sunspot peak is right around the corner. A SSB rig
> would be fun, and i'm under the impression that anything will out
> perform a 9406. as soon as i stock up on parts, i'm going to attempt a
> 6M cw rig. Think of it...as a portable, you only need 59" or so for a
> 1/4 wave antenna. This may present some construction challenges...bring
> 'em on. One of the reasons i build kits is to learn...and VHF technique
> is one of those i want to learn.
>
> the only other 6M SSB rig kit i know of is the one offered by Sheldon
> Hands. It's about $350 with the case...and he is working on a single
> board unit. Why should the guys across the pond have all the fun?
>
> and here's some stuff i DON'T see...The 6 Meter Handbook, The 6 Meter
> Notebook, or the 6 Meter Companion. What i have is "Six Meters A Guide
> To The Magic Band" by Ken Neubeck, WB2AMU.
>
> the last time this idea came up...there was some support for it. *I*
> don't have the expertise to pull it off, so who here does?
> --
> @@
> 72/73 de Mick, WD8MNV/6   QRP-L #1673   QRP-C #118   ZOMBIE #441
> NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
> Aeropac #111   Tripoli #3071   Level 2
>
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 20:07:20 -0500
> From: "Doc" <doctor@mediaone.net>
> To: "QRP List" <qrp-l@Lehigh.EDU>
> Subject: [39135] For sale
> Message-ID: <004101be9113$773c9de0$95c68018@DEFAULT01>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit

> Content-Transfer-Encoding: 7bit
>
> Hi folks,
>
> For sale
> =======
> MFJ-864 SWR/Wattmeter
> HF-VHF-UHF, 30W-300W ranges, cross-hair needles
>
> Like new, with box and manuals, asking $50
>
> Here is a web page with pictures and specs:
> http://www.mfjenterprises.com/watt/mfj864.html
>
> Mark WB1W
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 18:14:26 -0600 (CST)
> From: Bruce Rattray <rattray@gpfn.sk.ca>
> To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada
> <qrp-canada@lists.gpfn.sk.ca>
> Subject: [39136] Spring Bouqet
> Message-ID: <Pine.LNX.3.95.990427181233.13185A-100000@neale.gpfn.sk.ca>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> Just worked Fred, VE3FAL, 7.115, 0004Z. 559, qsb....don't hear Ben, VE1AHX
> yet....good luck to all!
>
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
>   A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
>   Amateur Radio Stamp Collector   "QRP! How sweet it is!"
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 00:14:42 GMT
> From: "Richard Arland" <r_arland@hotmail.com>
> To: qrp-l@lehigh.edu
> Subject: [39137] FS: Dentron Tuner
> Message-ID: <19990428001442.50461.qmail@hotmail.com>
> Mime-Version: 1.0
> Content-type: text/plain
>
> Reducing the size of my shack.
>

> The Dentron MT-3000A is a 3KW antenna tuner that I have used for
> QRP for the last several years. It has dual FWD/REF wattmeters
> and reads 0-200 and 0-2000 watts (selectable). Two HUGE caps and
> an extremely healthy tapped inductor allow a wide range of impedance
> matches. I kept this tuner specifically to load my 40 meter EDZ on
> 160 meters (something the LDG QRP Autotuner can't do).
>
> The tuner also features a multiposition antenna switch, 4:1 internal
> balun for handling open wire or twin feedlines, built in dummy load
> and is built like a tank. The antenna switch features 3 coaxial line
> inputs along with open/twin feeders, selectable from the front pane.
>
> I have the tuner in good condition, the manuals and will ship for
> $175.
>
> Private e-mail only, please.
>
> 73 Rich K7SZ
>
>
>
> ____
> Get Free Email and Do More On The Web. Visit http://www.msn.com
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 17:26:12 -0700 (PDT)
> From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
> To: alihernlem@hotmail.com
> Cc: qrp-l@lehigh.edu
> Subject: [39138] Re: [39086] QST CD-ROMs: Who sells?
> Message-ID: <199904280026.RAA14435@netcom15.netcom.com>
>
> Check out JWO, http://www.jwoservices.com/
> Great supplier of books, etc.
> 73, doug
>
>   Date: Tue, 27 Apr 1999 08:53:21 PDT
>   From: "Brad Hernlem" <alihernlem@hotmail.com>
>
>   Are the QST CD-ROMs distributed through any sources other than the
>   ARRL?
>
>   Thanks
>
>   Brad
>
> ------------------------------

>
> Date: Tue, 27 Apr 1999 20:33:43 -0400
> From: Pete Burbank <plburbank@kih.net>
> To: <qrp-l@Lehigh.EDU>
> Subject: [39139] Re: Re.Funny ads
> Message-ID: <3.0.32.19990427203338.006ea368@kih.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
>
> >Be careful that you don't turn this list into a joke bulletin board.
> >
> >Bill, K5ZTY
> ____
>
> Dear Bill,
> Sri if I offended any one. Just thought that we as a nation could
> use a bit of levity what with all the tragic things going on.
>
> I was merely commmenting on the message about ads sent by mistake
> and I got a good chuckle out of it.
> 73 Pete NV4V
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 20:45:58 -0400
> From: Fred Lesnick <flesnick@tbaytel.net>
> To: "qrp-canada@lists.gpfn.sk.ca" <qrp-canada@lists.gpfn.sk.ca>, qrp-l
> <qrp-l@Lehigh.EDU>
> Subject: [39140] Hellllllooooo.....
> Message-ID: <37265A45.CEA86E8C@tbaytel.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Have I become a victim of the ETHER Zone,I am calling and no one is
> answering,it is 00:45 z,is anyone out there.....????
> Fred VE3FAL
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 17:48:11 -0700 (MST)
> From: Chris Trask <ctrask@primenet.com>
> To: crc <crc@io.com>
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39141] Worked All Truck Stops (Was: National Parks)

> Message-ID: <Pine.BSI.3.96.990427174608.18783B-100000@usr04.primenet.com>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> On Tue, 27 Apr 1999, crc wrote:
>
> >
> > How about just operate from the park,period. "QRP from the Park"
> >
>   How about a "Worked All Truck Stops in XX"? :{)
>
>   Just kidding. Maybe.
>
> Chris
>
>
>   ,----------------------.   Circuit Design for the
>   /   What's all this   \   RF Impaired
>   / extinct stuff, anyhow? /
>   \ _______,--------------'   Chris Trask / N7ZWY
>   _ |/   Principal Engineer
> oo\   ATG Design Services
> (__)\   _   P.O. Box 25240
>   \ \   .' `.   Tempe, Arizona 85285-5240
>   \ \ /   \
>   \ '"   \   Technical Editor,
>   .   ( ) \   QRP Quarterly
>   '-|)__| :. \   QRP ARCI 9464
> | | | | \ '.
>   c__; c__; '-..'>.__   Email: ctrask@primenet.com
>   http://www.primenet.com/~ctrask
>
>   Graphics by Loek Frederiks
>
>
>
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:33:07 -0400
> From: "Kevin F. Glynn" <kfglynn@prodigy.net>
> To: "QRP-L" <qrp-l@lehigh.edu>
> Subject: [39142] Re: TS-830S QRP
> Message-ID: <199904280133.VAA219266@vm4-ext.prodigy.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit

> Content-Transfer-Encoding: 7bit
>
> I run my TS-520SE at 5 watts and under often. Haven't seen any
> consequences (I guess until I hexed myself!), but will let you know if I
> do. Original finals BTW.
>
> 72 Kevin N2TO
> Brooklyn, NYC
> kfglynn@prodigy.net
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:45:35 -0400
> From: "Kevin F. Glynn" <kfglynn@prodigy.net>
> To: "QRP-L" <qrp-l@lehigh.edu>
> Subject: [39143] Re: National Parks QRP Contest - QRPpark
> Message-ID: <199904280145.VAA236712@vm4-ext.prodigy.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi gang,
>
> Great idea for a contest. I'd like to operate from Federal Hall in
> Manhattan at the corner of Wall and Broad Street. Or maybe from the
> Statue
> of Liberty. Wonder what I'd need to do something like that? I guess I can
> dream.
>
> My friend Tony WW2W had the idea to operate from the gravesite of Samuel
> Morse at Greenwood Cemetary in Brooklyn. Not a National Park, but would
> be
> pretty eerie putting up an inverted-vee in that place... without getting
> bounced out!
>
> I always wanted to operate from Central Park (during the day). Would that
> count for something? I checked it out on a topographical map and it's at
> a
> high point and those trees must run at least 60-70 feet.
>
> 72 Kevin N2TO
> Brooklyn, NYC
> kfglynn@prodigy.net
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:37:34 EDT

> From: J38AL@aol.com
> To: wb2vuo@juno.com
> Cc: qrp-l@lehigh.edu
> Subject: [39144] Re: Cherynobl VIrus Hits!
> Message-ID: <d7e66250.2457c05e@aol.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Keith and others,
>
> Got me too - never saw it comming. $135 dollars out of my pocket for a new
>
> drive. Now to find the time to TRY to change it. I'm not very computer
> minded. You said
> you reformated the drives - can I do this to mine or should I just replace
>
> it?? How did we get it?? Glad my xyl has a computer too :-)
>
> 72 Al N2ZHS
> Scotia, NY
>
>
> In a message dated 4/27/99 3:39:57 PM Eastern Daylight Time,
> wb2vuo@juno.com
> writes:
>
> << Well, I just got done reformatting both drives in this computer.
> Norton
> Anti-Virus never even saw the CHerynobl Virus, and when I started up the
> comp yesterday, both drives got trashed. The Win95 Startup disk got me
> into an A:\ prompt and FDISK told me that both drives only had Non-DOS
> partitions. It was all downhill from there.
>
> A nasty lesson, and I have a new Zip drive on order so I can do a better
> job on backups.
>
> I lost everything from QRP-L, all the addresses and all. If I don't
> reply to anyones post to me, please send it again.
>
> 72/73, Keith, WB2VUO
>   >>
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:09:46 -0500

> From: Dave Redfearn <n4elm@texoma.net>
> To: qrp-l@lehigh.edu
> Subject: [39145] Patch Boxes for keyers, headphones, and stuff
> Message-ID: <37266DEA.9A7274FC@texoma.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi Gang,
>
> It is interesting to since similar ideas pop up
> from different places at the same time.
>
> For the last couple of months, I've been "planning" on building
> a box to extend the HF rig's keyer and headphone connections.
> I've already made an initial schematic, collected connectors, and
> dug up a box.
>
> The idea for the box has been knocking around for a while but really
> came into focus last Field Day after seeing a IC-706 with a stack of
> adaptors and double phone connectors hanging out of the little phone
> jack on the front and then not being able to find an adaptor to plug in
> my paddles on the back. (every CW op brings their own paddles to FD,
> right?)
>
> The basic idea is to have a box with several different sizes of phone
> connectors
> so that 3 or 4 headphones or speakers could be used at the same time.
> For FD, I figure
> on at least an operator and a logger on phones, and a speaker for the
> mingling masses.
>
> Additionally on the rear of the box, I'm going to add several different
> sizes of
> jacks for paddles, and a row of RCA jacks wired together to allow
> multiple keyers
> and bugs to be connected.
>
> I guess I better go ahead and get it built, one before Field Day gets
> here, and two before someone here on the list beats me to it :-)
>
> 73 - Dave
> ==========
> Dave Redfearn, ARS N4ELM, McKinney, TX
> Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)
> QRL? de N4ELM/qrp
>

> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:20:29 -0500
> From: Ron Keener <rkeener@realtime.net>
> To: J38AL@aol.com
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39146] Re: Cherynobl VIrus Hits!
> Message-ID: <3726706D.4F4D@realtime.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> you have to do a low level reformat of the drive - takes special
> software to do that
>
> the drive is not physically destroyed - it just doesnt have the software
> information it needs to find things on the drive
>
> --
>
>   ron keener near Austin, Texas   http://www.realtime.com/~rkeener
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 23:28:32 -0300
> From: Ben Pooley <bpooley@bar.auracom.com>
> To: qrp-canada@lists.gpfn.sk.ca
> Cc: qrp-l@lehigh.edu
> Subject: [39147] Spring Bouquet - Mayflower
> Message-ID: <3.0.6.32.19990427232832.007aea30@bar.auracom.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Gang;
>
> VE1AHX "Spring Bouquet" log Apr 28 0000-0200Z 7MHz
>
> 0018Z NA3V Jim, PA, sent 459 rcvd 559
> 0048   K3NLT Russ, PA, sent 599 rcvd 459 100W
> 0100   N3YSI Paul, PA, sent 569 rcvd 559 5W
>
> Sorry about the poor score here, but it was good to renew a
> couple of Atlanticon acquaintances. Broadcast stns were
> pulverizing the old HW8 when I moved up to 7115, so I looked
> back at 7040(+) and found that the metal grinder had started
> up. What IS that thing that roars and warbles around 7040?
>

> Will be trying 21060 on April 30, 2100-2300z.
>
> 72, Ben VE1AHX
>
> Ben Pooley VE1AHX   RR1 Lockeport NS Canada
> RAC   QCWA   QRP-C   QRP-L
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 19:50:51 -0700
> From: Bob Hightower <ki7mn@extremezone.com>
> To: n4elm@texoma.net
> Cc: qrp-l@lehigh.edu
> Subject: [39148] Re: Patch Boxes for keyers, headphones, and stuff
> Message-ID: <199904280247.TAA18400@enterprise.extremezone.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> At 09:09 PM 4/27/99 -0500, you wrote:
> >Hi Gang,
> >
> >It is interesting to since similar ideas pop up
> >from different places at the same time.
> >
> >For the last couple of months, I've been "planning" on building
> >a box to extend the HF rig's keyer and headphone connections.
> >I've already made an initial schematic, collected connectors, and
> >dug up a box.
>
> I did this some time back, for switching between four rigs (headset and
> key/paddles only). Worked well, but is now gathering dust. Might resurrect
> it just for kicks. I used mini jacks on the back panel, two rows of four,
> top for headphones, bottom for keys. Then installed two 1/4" jacks on the
> front, with two separate switches in front, so I could switch and monitor
> for activity while still staying on the 'hot' band with the paddles.
>
> Picked the box up at Circuit Specialists (local store), and it's about 4"
> wide, 1 1/2" high and 3 1/2" deep.
>
>
> Building is a snap, and well worth the time to do.
> 72,73
> Bob Hightower KI7MN
>
> http://www.extremezone.com/~ki7mn
>
> ------------------------------
>

> Date: Wed, 28 Apr 1999 02:11:01 +0000
> From: "Walter D. Amos" <waltk8cv@surfree.com>
> To: Qrp-l Reflector <qrp-l@lehigh.edu>
> Subject: [39149] dl-qrp-pa ..... saga!
> Message-ID: <37266E35.72ECC04E@surfree.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Qrpl'ers .....
>
> Well, the installation of the original PA (2n3553) to get more drive was
> a BAD idea! It caused all kinds of chirp, frequency shift and hash!
> Looks good on my scope but sounds terrible on the air. So back to just
> the two driver stages and low output again. Most bands the power is
> doubled at least and that is one S unit. Getting more is beyond my
> capabilities. I did learn you can't count on power out reading with a
> watt meter and that you DO need a large power cable when drawing around
> 2 amps .... :-)
>
> --
> Walt K8CV Royal Oak, Michigan, qrp-l # 935, Zombie # 188 !
> "We're just a small sub-group of an eclectic corner of a dying hobby!"
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 00:09:31 -0400
> From: Mike Czuhajewski <wa8mcq@erols.com>
> To: QRP forum <qrp-l@lehigh.edu>
> Cc: Doug Hendricks <ki6ds@dpol.k12.ca.us>
> Subject: [39150] Regarding preregistration prize
> Message-ID: <372689FB.42F7@erols.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Doug, thanks for clearing things up. I hadn't thought about it that way,
> as a very useful tool for getting a good idea of how many people will
> attend. (And that's very important to know.) I'll keep that tool in the
> back of my mind for possible future use.
>
> And I'm really glad to see this being done at HamCom now, in addition to
> all the QRP goings-on at Dayton, Pacificon, Atlanticon. It's really
> great to see these things popping up at several places across the
> country. I know that trip across the country from the Left Coast to

> Dayton is quite an undertaking; certainly a lot more enjoyable to hop in
> the car and drive a few hours to Pacificon. And I certainly enjoyed the
> 35 mile drive to Atlanticon a lot more than 500 miles to Dayton :-) (And
> I know a lot of people drive much farther.) I really appreciated the NJ
> QRP folks doing that one. (Even if I did have to leave for several hours
> due to a work related emergency.)
>
> My thanks to all those who put on these QRP shows everywhere; it's a lot
> of work, but a really great service to the entire QRP community, and
> everyone loves them. Its most certainly an idea whose time has come.
> Having been to the QRP shows at Pacificon and Atlanticon, I'd highly
> recommend HamCom--you won't regret it!
> --
> 73 and Queue Our Pea de WA8MCQ   wa8mcq@erols.com
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:11:21 -0700
> From: Roger Hightower <n7kt@earthlink.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39151] Chernobyl Virus and reformatting HD
> Message-ID: <37268A69.2829C62C@earthlink.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Any time you get advance notice of a possible date-triggered virus, try
> changing the date on your computer a day in advance. On Sunday the 25th
> I reset my machine to the 27th, then on the _real_ 27th, reset the date.
> Just in case. Your computer doesn't care what the date is, unless you
> have some programs that date-stamp the output.
>
> If you did get stricken, and don't have the means to do a low-level
> format, take the HD (or the whole processor box) to a good computer shop
> and ask them to do it. The cost will be reasonable, and most small
> shops will be glad to do that. It sure beats springing for a new drive.
>
> As far as anti-virus programs, they aren't any good unless you
> constantly update them. Like at least every two weeks.
>
> Idiots who put these viruses out should be locked up for a long while.
> --
> 72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ
> n7kt@earthlink.net   n7kt@arrl.net   6023155988@mobile.att.net
>
> ------------------------------
>

> Date: Tue, 27 Apr 1999 21:24:00 -0800
> From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
> To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
> Subject: [39152] AL7FS and AL7OK QRPTTF Photos
> Message-ID: <37269B70.B332E8CA@pobox.alaska.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I have added a short page with three photos of our effort at Palmer
> Alaska for QRPTTF. One shot of me, one of John and one of the SW20+
> rig.
>
> Enjoy.
>
> --
> 73, Jim, AL7FS
> http://www.qsl.net/al7fs/
> mailto:al7fs@qsl.net
> Anchorage, Alaska
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 10:31:36 +0200 (CEST)
> From: Mohammad Rahman <mrahman@student.sg.umuc.edu>
> To: qrp-l@Lehigh.EDU
> Message-ID: <Pine.LNX.4.04.9904281025140.21323-100000@student.sg.umuc.edu>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> Getting music on line is very exciting though sometime it is realated to
> privacy and encryption problem of the credit card. We can also download
> music files from the web. It does not cost us except disk's spce. What do
> you think? What is the better way of getting music on-line?- downloading
> or credit card.
>
> University of Maryland UC
> Universitatspark
> 73525 Schwabisch Gmund
> Germany
> E-mail: mrahman@student.sg.umuc.edu
>
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 13:55:44 +0200

> From: "Peter Zenker" <Peter_DL2FI@csi.com>
> To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
> Cc: "'Funkamateur Red. via internet mail'" <101672.1203@compuserve.com>
> Subject: [39154] Mistake in DL-QRP-PA manual
> Message-ID: <000201be90a4$ef6eb9c0$13a39ec1@zenkerpn>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hello gang,
>
> Some off you sent me mails reporting problems with their DL-QRP-PA (some
> call it SIERRA PA / FUNKAMATEUR PA). Allthough this is a FUNKAMATEUR
> oroduct
> now, I feel responsible as the Chairman of DL-QRP-AG and so I checked the
> english manual in detail today
>
> I found a BAD mistake.
>
> The transformer Tr1 has to be a 4 to 1 Transformer. That means 4 windings
> primary, 2 windings secondary. The description in the QRP Report how to
> wind
> the transformer is ok, but the translation is absolute confusing.
>
> As I described in a former posting here the correction how to wind
> transformer Tr1:
>
> start with the upper hole,LEFT side, this end is number 1
>   left to right = 1/2 turn
>   back through the lower hole = 1 turn
>   left to right through the upper hole = 1,5 turns
>   back through the lower hole = 2 turns
>
> hold on with this wire, it will be completed later, mark the left side of
> the core to see later where the primary side is!
>
> take the second wire.
> start in the UPPER corner, right side, this end is number 3
>   right to left= 1/2 turn
>   back through the lower hole = 1 turn
>   right to left through the upper hole = 1 1/2 turns
>   back through the lower hole = 2 turns, this end is number 4
>
> now complete the first wire:
>   left to right through the upper hole=2 1/2 turns
>   back through the lower hole = 3 turns

>   left to right through the upper hole = 3 1/2 turns
>   back through the lower hole = 4 turns, this gives us wire number 2
>
> Thats it.
>
> If you now put the core onto the pcb, the marked side showing to left side
> of pcb, you you have the primary 4 turns left and the secondary 2 right.
> soldernumber 3 and 4 without the crossing showed in the manual, its no
> longer valid.
>
> The description of the transformer TR2 is ok, but again the drawing
> (figure
> 5) could misslead you.
> If you have wound the transformer following the description in the manual,
> the primary wires 5, 6 7a and 7b are in the correct position. Compared to
> the layout secondary number 9 also is ok, but number 8 is on the wrong
> side. But because it is the ground wire, you can solder it to the ground
> pad
> next to ST4 (left side of C8)
>
> Please check out if you have wound correct both transformers if you cannot
> get moree the 5 Watt for 350 mV drive. ALL the PAs we built within the
> club
> project where running up to 9 or 10 watt!
>
> Sory for the inconvienience
>
> Peter, DL2FI
>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 04:02:40 -0700
> From: "Francis Callahan" <colcal@srv.net>
> To: <QRP-L@lehigh.edu>
> Subject: [39155] Key
> Message-ID: <199904281001.EAA06656@srv.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I spotted a ad in Nuts and Volts by Ocean State Electronics for a delux
> code key for $16.95 witha brass base. Also a QRP 2 tube regren reciever
> and a 2 tube xmitter with 3 bands on it Reciever kidt is $119.95 and the x
> mitter kit is $109.95 usual disclaimer 72 Cal KF7ET

>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 06:02:12 -0500
> From: jbhenson@zebra.net (James Bartley Henson III)
> To: qrp-l@lehigh.edu
> Subject: [39156] QRP Quarterly
> Message-ID: <3726EAB4.5BE5@zebra.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Has the latest issue of QRP Quarterly been received by anyone? The last
> I got was Jan 99 copy. An off-line answer would be appreciated.
>
> 72
> jay
> N4XDW
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:43:22 -0400
> From: Phil Rutledge <phil@graphent.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39157] Re:
> Message-ID: <4.1.19990428074249.009494d0@pop.graphent.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Who cares??
>
>
> At 10:31 AM 4/28/99 +0200, Mohammad Rahman wrote:
> >Getting music on line is very exciting though sometime it is realated to
> >privacy and encryption problem of the credit card. We can also download
> >music files from the web. It does not cost us except disk's spce. What do
> >you think? What is the better way of getting music on-line?- downloading
> >or credit card.
> >
> >University of Maryland UC
> >Universitatspark
> >73525 Schwabisch Gmund
> >Germany
> >E-mail: mrahman@student.sg.umuc.edu
> >
> >

>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 21:00:05 +0900
> From: "Toru Kato" <jg1rvn@inv.co.jp>
> To: "QRP-L" <qrp-l@lehigh.edu>
> Subject: [39158] NorCal resister kit arrived
> Message-ID: <199904281203.VAA20350@inv.co.jp>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hai all !   de JG1RVN Toru in Tokyo
>
> I received NorCal resister kit today. I found it is very nice and
> useful indeed.
>
> Also I orderd NorCal capacitor kit.
> Today a very few store stock C0G or NP0 capacitor here in Japan.
> Even in Akihabara, it is very hard to find C0G or NP0 capacitor recently.
> C0G or NP0 capacitor is very useful for VFO or VXO circuit.
> I am looking forward to receive the capacitor kit too.
>
> Thank you very very much, NorCal !
> ------------------------------
> JG1RVN Toru Kato
> jg1rvn@inv.co.jp
> ------------------------------
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:03:37 -0500
> From: sda <sda@bellsouth.net>
> To: qrp-l@Lehigh.EDU
> Subject: [39159] Baton Rouge Hamfest & QRP Forum
> Message-ID: <199904281203.IAA13314@mail1.lig.bellsouth.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> QRP Crew:
>
> The Baton Rouge, Louisiana Hamfest and Computer Show
> sponsored by the Baton Rouge Amateur Radio Service Club
> (http://www.brarc.org) will take place this coming
> Friday April 30th and Saturday May 1 at The Great Hall
> of the Bellmont Hotel at 7370 Airline Highway.

>
> Jim Giammanco N5IB, Mike Gusky K5UX, and myself K4MSW
> will be presenting a QRP Forum on Saturday at 9:30am.
> Will have lots of rigs to show/demo, including Mike's
> Elecraft K2, and Jim's award winning 30M Herring Aid
> and matching 38 special. We will also be giving away
> a 38 special kit as a door prize.
>
> Hope to see a few of you there. See BRARC web page
> for more details: http://www.brarc.org/hamfest.htm
>
> 72/3,
>
> Todd Atkins, K4MSW
> Baton Rouge, Louisiana
> http://www.qsl.net/k4msw
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:04:12 -0400
> From: "Mike Yetsko" <myetsko@insydesw.com>
> To: <mrahman@student.sg.umuc.edu>, "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Subject: [39160] Re:
> Message-ID: <004b01be916f$3c0042c0$9001a8c0@mikey>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I hope this was a mis-post and not a precursor of things to come...
>
> Mike Yetsko
> N1DVJ
>
> -----Original Message-----
> From: Mohammad Rahman <mrahman@student.sg.umuc.edu>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: Wednesday, April 28, 1999 4:34 AM
>
>
> >Getting music on line is very exciting though sometime it is realated
> to
> >privacy and encryption problem of the credit card. We can also download
> >music files from the web. It does not cost us except disk's spce. What

> do
> >you think? What is the better way of getting music on-line?-
> downloading
> >or credit card.
> >
> >University of Maryland UC
> >Universitatspark
> >73525 Schwabisch Gmund
> >Germany
> >E-mail: mrahman@student.sg.umuc.edu
> >
> >
> >
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:32:18 -0400
> From: Zack Lau <zlau@arrl.org>
> To: qrp-l@lehigh.edu
> Subject: [39161] Re: next norcal kit...wish
> Message-ID: <3726FFD2.AF81C26F@arrl.org>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> 6M RF circuits can be found on pp 2-27 to 2-33
> of QRP power.
>
> BTW, the ID for L1 and L2 of Fig 4 is 1/2 inch.
>
> Zack W1VT
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 06:46:55 -0600
> From: Bruce Kizerian <kizerian@ced.utah.edu>
> To: ctrask@primenet.com, qrp-l@Lehigh.EDU
> Subject: [39162] Re: Worked All Truck Stops (Was: National Parks)
> Message-ID: <3727033F.DA20B22E@ced.utah.edu>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Chris

>
> Don't you need an 11 meter rig for that?
>
> Bruce kk7zz
>
> Chris Trask wrote:
>
> > On Tue, 27 Apr 1999, crc wrote:
> > >
> > > >
> > > > How about just operate from the park,period. "QRP from the Park"
> > > >
> > >   How about a "Worked All Truck Stops in XX"? :{)
> > >
> > >   Just kidding. Maybe.
> > >
> > > Chris
> > >
> > >   ,----------------------.   Circuit Design for the
> > >   /   What's all this   \   RF Impaired
> > >   / extinct stuff, anyhow? /
> > >   \ _______,--------------'   Chris Trask / N7ZWY
> > >   _ |/   Principal Engineer
> > > oo\   ATG Design Services
> > > (__)\   _   P.O. Box 25240
> > >   \ \   .' `.   Tempe, Arizona 85285-5240
> > >   \ \ /   \
> > >   \ '"   \   Technical Editor,
> > >   .   ( ) \   QRP Quarterly
> > >   '-|)__| :. \   QRP ARCI 9464
> > > | | | | \ '.
> > >   c__; c__; '-..'>.__   Email: ctrask@primenet.com
> > >   http://www.primenet.com/~ctrask
> > >
> > >   Graphics by Loek Frederiks
> >
> >
> >
> >
> > ------------------------------
> >
> > Date: Wed, 28 Apr 1999 06:52:29 -0600
> > From: "Steven K. Anspach" <spach@ida.net>
> > To: qrp-l@Lehigh.EDU
> > Message-ID: <3.0.1.32.19990428065229.0072ecec@ida.net>
> > Mime-Version: 1.0
> > Content-Type: text/plain; charset="us-ascii"
> >

> FS QRP
>
> The following items are for sale:
>
> MFJ-418 Code Trainer - $50
> MFJ-260C Dummy Load - $15
> MFJ-259 Antenna Analyzer - $110
> Oak Hills WM-2 Watt Meter - $70
>
> All items are in excellent condition. Manuals included. Shipping extra.
> Respond via private email - spach@ida.net.
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:59:01 -0400
> From: Scott Howell <whowell@hq.nasa.gov>
> To: QRP-L@LEHIGH.EDU
> Subject: [39164] tt aRGOSY 525
> Message-ID: <3.0.5.32.19990428085901.008052e0@mail.hq.nasa.gov>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> ANYONE KNOW IF A kc1 COULD BE ADDED TO THIS RIG? ALSO ANY COMMENTS ON IT.
> hOW DOES COMPARE FOR EXAMPLE TO THE oMNI-v.
> OH, ANYONE GOT CONTACT INFO ON WHERE A kc1 COULD BE HAD? i MAY NEED ONE.
>
> TNX ES 72 DE sCOTT/N3BYY
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 06:46:15 -0700 (MST)
> From: Chris Trask <ctrask@primenet.com>
> To: Bruce Kizerian <kizerian@ced.utah.edu>
> Cc: qrp-l@Lehigh.EDU
> Subject: [39165] Re: Worked All Truck Stops (Was: National Parks)
> Message-ID: <Pine.BSI.3.96.990428064503.18580B-100000@usr09.primenet.com>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
>
> Bruce,
>   You know, now that I think of it there are probably lots of
> truckers who already qualify for this. :{)
>
> On Wed, 28 Apr 1999, Bruce Kizerian wrote:
>

> > Chris
> >
> > Don't you need an 11 meter rig for that?
> >
> > Chris Trask wrote:
> >
> > > On Tue, 27 Apr 1999, crc wrote:
> > >
> > > >
> > > > How about just operate from the park,period. "QRP from the Park"
> > > >
> > >   How about a "Worked All Truck Stops in XX"? :{)
> > >
> > >   Just kidding. Maybe.
> > >
> >
>
>
>   ,----------------------.   Circuit Design for the
>   /   What's all this   \   RF Impaired
>   / extinct stuff, anyhow? /
>   \ _______,--------------'   Chris Trask / N7ZWY
>   _ |/   Principal Engineer
> oo\   ATG Design Services
> (__)\   _   P.O. Box 25240
>   \ \   .' `.   Tempe, Arizona 85285-5240
>   \ \ /   \
>   \ '"   \   Technical Editor,
>   .   ( ) \   QRP Quarterly
>   '-|)__| :. \   QRP ARCI 9464
> | | | | \ '.
>   c__; c__; '-..'>.__   Email: ctrask@primenet.com
>   http://www.primenet.com/~ctrask
>
>   Graphics by Loek Frederiks
>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:56:37 -0600
> From: "Rattray, Bruce" <Rattray@siast.sk.ca>
> To: "'zmola@campbellsci.com'" <zmola@campbellsci.com>
> Cc: "'QRP-Canada'" <qrp-canada@lists.gpfn.sk.ca>, "'QRP-L'"
> <qrp-l@LeHigh.edu>
> Subject: [39166] RE: National Parks QRP Contest - QRPpark?
> Message-ID: <ABB04875E11AD01191A40000F83092BE01F38FA5@STONE>

> Mime-Version: 1.0
> Content-Type: text/plain
> Content-Transfer-Encoding: 7BIT
> Content-Transfer-Encoding: 7BIT
>
> Selfishly speaking, I like the idea of "parks" as it would give me a
> chance
> to get away from the home station for once and operate portable from one
> of
> our local parks...but looking at the whole picture, the theme doesn't
> matter
> too much to me as getting on the air and enjoying the comradship of other
> qrp operators is the big kick....
>
> 72/73 - Bruce (VE5RC+VE5QRP)   QRP-C#1 QRP-L# 886 ARCI# 9683
>   10-10# 944   Amateur Radio Stamp Collector - A1 Operators
> CLub
> -
>   Regina, Saskatchewan, Canada
>
>
> > ----------
> > From: Carl Zmola[SMTP:zmola@campbellsci.com]
> > Reply To: zmola@campbellsci.com
> > Sent: Tuesday, April 27, 1999 1:20 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Re: National Parks QRP Contest - QRPpark?
> >
> > > All - I think the idea of a QRP contest in which the participants
> > operate
> > > from a National Park/National Monument is a great one. This
> > country has a
> >
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:11:04 -0700
> From: Jeff Grudin <grudin@pacific.vdbs.com>
> To: QRP-L <qrp-l@lehigh.edu>, Dan McGuire <dmcguire@santacruz.k12.ca.us>,
> Felix Kozodoy <flexgato@aol.com>, blakney@pacific.vdbs.com
> Subject: [39167] QRPTTF Backpacking trip
> Message-ID: <372716F8.77F27D06@vdbs.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Please check out this web page to see some pictures from our hike and

> read our story of the 1999 QRPTTF. (It takes a minute for the pics to
> load.)
>
> http://www.vdbs.com/~grudin/qrpttf99.htm
> --
> 73 de AC6KW   <mailto:grudin@vdbs.com>
> Jeff Grudin, DVM   Web Add: http://www.vdbs.com/~grudin
> Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
> Norcal QRP #1292   QRP-L #16   ARS #351   AR Qrp #131
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 09:16:22 -0500
> From: "J. W. (Dub) Thornton" <dub@oklahoma.net>
> To: qrp-l@lehigh.edu
> Subject: [39168] Re: Chernobyl Virus and reformatting HD
> Message-ID: <199904281417.JAA00323@ultra5.oklahoma.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Fellow Listees: I have seen reference to a low lever format of the
> harddrive
> being required, after Chernobyl Virus is finished with one. Are we
> actually
> talking about a LOW LEVEL format, rather than a simple re-partitioning/
> formatting of the harddisk? Not too many will have the software on hand,
> nor the knowledge to use it to perform a low level format on the IDE type
> drives most of us use today. I would like to have some confirmation on
> this
> one.
>   "72"
> -
> J. W. (Dub) Thornton WA5YFY
> Minco, OK.
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 10:17:01 -0400
> From: "Richard Brummer" <obvious@bestweb.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39169] Re: National Parks QRP Contest - QRPpark?
> Message-ID: <003f01be9181$de36e1e0$e705b3d8@default>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>

> Maybe some enterprising QRP-L member could find a way to operate from the
> only mobile National Monument in the U.S.
>
> 73,
> Dick K2REB
>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 10:18:02 -0400
> From: Michael Maiorana <mikemo@ibm.net>
> To: qrpl <qrp-l@Lehigh.EDU>
> Subject: [39170] Sealed Lead Acid Batt. info
> Message-ID: <37271899.BC53D052@ibm.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Thanks to all who gave me advice on the batteries I found.
> I discharged the battery for 5.5 hours at 1.1 amps (TS-430 on receive).
> The load voltage dropped to just under 12 and the rest voltage down to
> 12.3. It looks like about 50% of the capacity was used. That means that
> my 20 amp-hour batteries are now 11-12 amp hours. Not bad I guess.
>
> I found a very good technical manual on the web from power-sonic. If you
> have a PDF reader check out:
> http://www.power-sonic.com/techman.pdf
> I got a bunch of info there. BTW, they say expect about 5 years of use
> out of a well cared for SLA battery. These units are about 8 years old.
> --
> 72 de KU4QO
> Mike Maiorana
> Palm Harbor, FL
>
> "Has anyone seen my youthful exuberance? I must have misplaced it."
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:19:40 -0700 (PDT)
> From: jsm@intergate.bc.ca (Steve McDonald)
> To: qrp-l@Lehigh.EDU
> Subject: [39171] Paul - NA5N e-mail bouncing!
> Message-ID: <199904281419.HAA16377@cherokee.intergate.bc.ca>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"

>
> Paul...my e-mail to you via Norcal or direct keeps bouncing...any ideas
> why?
> Using the rt.66 address.
>
> Steve / VE7SL
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:48:44 -0700
> From: Vic Rosenthal <rakefet@rakefet.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39172] Propagation question
> Message-ID: <37271FCC.F433AB02@rakefet.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> The night before last, Europe was booming in here on the West Coast at
> around
> 0400-0530z on 20 meters. The solar flux was 105, the K index was 1. Last
> night
> there were only a few very weak signals. The flux was 110 and the K was
> 3. The
> band wasn't particularly noisy. Paul Harden said that the K index didn't
> have
> much effect on the high bands anyway.
>
> Why were the conditions so different? What factors affect conditions
> beside the
> flux and k index?
>
> I *really* want to understand this!
>
> 73,
> Vic, K2VCO
> Fresno CA
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:46:15 -0700
> From: "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
> To: <k6whp@gte.net>, "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Subject: [39173] Re: TS-830S QRP
> Message-ID: <003201be9185$e9bfeda0$4434d4cc@bgeipel.pom.primenet.com>

> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
>
>
>
>
> >A friend of mine (who shall remain unidentified) recently blew out the
> >finals of his TS-520 by running it at 5 watts; he was advised -- after
> >the fact -- that this would happen.
>
> No need to keep my name anonymous Bill :)
>
> Yes, I did blow the finals on my 520 during QRPTTF (home station).
> I was just to lazy to wire the antenna up to the OHR (which I did after
> the 520 blew).
>
> I had made a few contacts and then I was ragchewing with my
> friend Gody, AC6UV when I heard a pop. The fuse had blown
> and after replacing it, I was unable to get any power out on
> transmit. After replacing the tubes, all was fine.
>
> I told my elmer about this. He is a tube only Ham who designs and
> builds all of his tube equipment and maintains tube rigs for a lot
> of hams in his area and has written quite a few articles for "Electric
> Radio" magazine. We were trying to diagnose the problem when
> I said something like, "I can't believe they blew when I was running
> QRP!" He that immediately turned on the light bulb and he went
> on explaining:
>
> "QRP operation with high power tubes is not recommended.
> It is easy to exceed the tube's screen and plate dissipation rating,
> meaning all the unused power is dissipated by the tube as heat..."
>
> I talked with him last on SSB and he mentioned this again, encouraging me
> to use my OHR for QRP - which I am planning on doing anyhow :)
>
> I am willing to except that he may be feeding me some bad info, but
> none the less, the finals did blow at 5 watts output and this man has been
> building tube rigs (QRP included) since the 1940's.
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:56:44 -0700 (PDT)

> From: Ron Stark <ku7y@dri.edu>
> To: James Bartley Henson III <jbhenson@zebra.net>
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39174] Re: QRP Quarterly
> Message-ID: <Pine.SOL.3.96.990428074355.15948C-100000@vortex>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> On Wed, 28 Apr 1999, James Bartley Henson III wrote:
>
> > Has the latest issue of QRP Quarterly been received by anyone? The last
> > I got was Jan 99 copy. An off-line answer would be appreciated.
>
> Hi Jay,
>
> Good question and I'm sure other are wondering also so I'm
> posting the info to the full list.
>
> I just got off the phone with the printer. The April issue
> was "on the press" as we were talking. From there it will be
> folded and whatever else they do to make a magazine out of
> it.
>
> Then it's off to the mailer to be put into the envelopes and
> given to the post offce. They expect it to be in the mail by
> Friday at the latetest.
>
> We all thank you very much for your patience.
>
> cul,
>
> 73, Ron,   SOWP 5545M,
>
> ....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
> ....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
> ....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:58:09 -0600
> From: Bruce Kizerian <kizerian@ced.utah.edu>
> To: qrp-l@Lehigh.EDU
> Subject: [39175] Kitchin's Comment--1 Transistor Regen
> Message-ID: <37272200.FD54D97B@ced.utah.edu>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit

> Content-Transfer-Encoding: 7bit
>
> Those who have looked at my document on the one transistor
> regenerative transceiver may have realized that the
> information there was intended to stimulate experimentation.
> The document is not a set of "cut and dried" plans for a
> regen transceiver.
>
> Charles Kitchen has been kind enough to provide some
> commentary and correction on the circuits I have provided,
> and has given permission to put it out on the list. It will
> be easier to understand his commentary if you have my
> document. I will gladly send directly to anyone who would
> like to take a look.
>
> His original comments were prefaced by the following
> statement:
>
> "Well...being a serious regen fanatic....I can list lots of
> things "wrong" with
> this simple circuit. But if you are just looking for
> something fun to play
> around with it will probably "work" (get stations).
>
> By the way. Mike Murphy (a Ham friend) and I came-up with a
> working regen
> transceiver over a year ago...but it was too complicated
> because we (and you)
> need to comply with the new FCC specs which state that all
> transmitters 5W and
> less must have all harmonics down by (at least) 32dB. This
> requires a double
> pie output filter between transmitter and antenna."
>
> His comments are followed by my reply.
>
> Bruce kk7zz
>
>
> OK Bruce. Sure, go ahead and put this in QRP-p. I reworked
> this abit (below)
> adding a few more details (and knit-picks).
> 73 DE N1TEV
> --
>
> The major things I see wrong with this receiver are:
> 1.) No source bias for the JFET. You need to add a resistor
> between the source

> and the coil tap and bypass the resistor with a 100pF or so
> mica cap. Without
> this bias the FET will not break into oscillation smoothly
> (its gain will be
> MUCH too high) and you can burn it out if the regen control
> is turned all the
> way up. Values of 2.7k are about right for the 2N4416, J310
> or MPF102 JFETs.
>
> 2.) R1 really should be bridged across C2 instead of being
> connected across the
> coil. Otherwise R1 degrades the Q of the coil and the
> circuit may detune around
> critical regeneration. The R1/C2 time constant sets
> "detector efficiency" (audio
> volts out for a given RF input signal). For SW frequencies
> and common JFETs R1
> should be about 1M Ohm and C2 100pF. For AM Broadcast band,
> C2 should be
> increased to 200 or 250Pf. If the R1/C2 time constant is
> made long enough (such
> as using a 10M for R1) the detector can break into super
> regeneration if the
> regen level is turned-up high enough. This can cause an
> audio squeal and other
> strange effects (the audio squeal is usually the result of
> the quench frequency
> being in the audio range). By the way, super regeneration
> is a fascinating
> subject for amateur experimentation but it is best suited
> for VHF and UHF
> frequencies where the (optimum) quench frequency is above
> the audio range.
>
> 3.) This circuit uses a resistive regen control. Bad for
> many reasons but
> mainly because of high drift (with supply or signal
> variations). It's also
> almost impossible to adjust properly due to its inherent
> hysterisis (you turn-up
> the control, it overshoots, oscillates and you must then
> turn it down again).
> Very irritating in actual use. Much better to use a Zener
> regulated detector
> supply with a "throttle" regen capacitor.
>
> 4.) You really need to decouple the antenna from L2.
> Otherwise the input

> signals will be too strong and cause detuning of the signal
> as regen is raised
> also poor selectivity and also radiation of the detector's
> signal out the
> antenna. Finally, direct coupling to the antenna will cause
> severe "hum
> modulation" on the higher HF frequencies. A small air
> variable cap in series
> with the antenna will allow you to adjust the amount of
> antenna coupling.
>
> 5.) No RF stage. All modern regen receivers really should
> use a stage of RF
> amplification between antenna and detector both for
> increased sensitivity at
> higher SW frequencies and to prevent detector radiation out
> the antenna. In
> this circuit, a simple PNP grounded base (or a FET as a
> grounded gate) stage
> will prove quite adequate. The transistor's collector
> should run to L2 (always
> use inductive coupling to detector as this prevents AM
> broadcast station
> interference).
>
> 6.)No AF gain at all. Use an LM386, etc
>
> 7.) Audio should be extracted from the detector source. RF
> Performance and
> audio quality are always better if the audio is extracted
> off the detectors
> source rather than its drain. The basic reason for this is
> any added resistance
> in the drain circuit "deregulates" the detector and
> contributes to variations in
> regen level and tuning. Far better to take the audio off
> the source using a 5k
> resistor and series cap to an audio amplifier (LM386, etc).
> You will need the
> 2.7k source resistor and 1000pF source bypass cap in there
> to do this. Now the
> audio is extracted "for free" and the source resistor has a
> stabilizing effect
> on performance (because you now have added reverse bias)
> rather than the
> destabilizing effect of resistance added into the drain
> circuit.
>

> 8.) No Fine tuning. You can make a "poor mans varacter" here
> with a simple
> rectifier diode.
>
> 9.) No LP Filtering. You need to provide a switchable LP
> filter to reduce audio
> BW for CW and SSB reception.
>
> 10.) High Z phones MUST be used with this circuit(and they
> sound really awful).
> I prefer "Walkman" type headphones driven by an LM386, etc.
>
> Why not take a look at my latest regen article in the
> Nov/Dec issue of QEX (ARRL
> publication)? This goes into these design issues in great
> detail.
>
> Sorry for the critical analysis...its just my nature.
>
> > ----------
> > From: Bruce Kizerian[SMTP:kizerian@ced.utah.edu]
> > Sent: Tuesday, April 27, 1999 2:40 PM
> > To: Kitchin, Charles
> > Subject: Re: One Transistor Transceiver?
> >
> > Charles
> >
> > Thanks so much for your critical commentary. Honesty is
> hard to come by these
> > days--especially polite honesty.
> >
> > I have studied most of your circuits and realize some of
> the limitations of
> > the
> > circuit in the document, but you have pointed out others,
> and I'm grateful.
> > The
> > document was intended to stimulate thought and
> experimentation rather than be
> > a
> > "tried and true" set of instructions for design.
> >
> > Having said that, let me tell you about a contest I am
> spearheading for my
> > local
> > amateur radio club. The purpose of our "One Transistor
> Challenge" is to design
> > and/or build a one transistor circuit of any kind. The

> main reason for this
> > contest
> > is to get the "old pros" working with "youngsters" and
> stimulate new interest
> > in ham
> > radio and electronics, and teach basic assembly skills.
> >
> > There are several obvious candidates for one transistor
> circuits, but my focus
> > will
> > be on putting together a kit of parts for a one transistor
> broadcast band
> > regen
> > receiver, and distribute those "kits" to Elmers in the
> club for those who want
> > something to start with.
> >
> > Now a one transistor radio will not be high performance,
> but could be made to
> > work
> > on the AM broadcast band where signals are plentiful and
> loud. For an added
> > challenge, some may wish to convert the radio to shortwave
> frequencies. I
> > threw out
> > the one transistor transceiver idea as a further challenge
> for those who are
> > on the
> > lunatic fringe of homebrewing. Maybe, I am the only one
> like this, but I don't
> > think
> > so. Anyway, now you know my motivation, and, hopefully, my
> obsession with one
> > transistor radios is understandable.
> >
> > By the way, the circuit I will probably adapt is one from
> your March 1994
> > Electronics Now article.
> >
> > With your permission I would like to forward your e-mail
> to QRP-L and to
> > members of
> > my club. Please let me know if this is okay.
> >
> > Thanks again,
> >
> > Bruce kk7zz
> >

>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:07:55 -0700
> From: Vic Rosenthal <rakefet@rakefet.com>
> To: bgeipel@primenet.com
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39176] Re: TS-830S QRP
> Message-ID: <3727244B.9FDFF2AA@rakefet.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Barry L. Geipel - AD6HR wrote:
> >
> > I had made a few contacts and then I was ragchewing with my
> > friend Gody, AC6UV when I heard a pop. The fuse had blown
> > and after replacing it, I was unable to get any power out on
> > transmit. After replacing the tubes, all was fine.
>
> Some Chinese 6146's tend to develop internal shorts. I had this problem,
> too,
> but not at QRP levels. I think this occurs as the tubes heat up. It
> probably
> would have happened faster at QRO, since the tubes would get hotter. Some
> companies recommend only US-made tubes in these rigs.
>
> > I told my elmer about this. He is a tube only Ham who designs and
> > builds all of his tube equipment and maintains tube rigs for a lot
> > of hams in his area and has written quite a few articles for "Electric
> > Radio" magazine. We were trying to diagnose the problem when
> > I said something like, "I can't believe they blew when I was running
> > QRP!" He that immediately turned on the light bulb and he went
> > on explaining:
> >
> > "QRP operation with high power tubes is not recommended.
> > It is easy to exceed the tube's screen and plate dissipation rating,
> > meaning all the unused power is dissipated by the tube as heat..."
>
> This would be the case if the 6146's were only grid-leak biased. In that
> case,
> reducing the excitation would reduce the bias and cause excessive plate
> dissipation. But the 6146's in the 530 are operating class AB1 with
> enough
> fixed bias to limit the dissipation to a safe level with *no* excitation.
>

> 73,
> Vic, K2VCO
> Fresno CA
> Also a tube man.
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:39:10 -0600
> From: Larry East <w1hue@amsat.org>
> To: qrp-l@lehigh.edu
> Subject: [39177] NC20 Sidetone Mod (semi-long)
> Message-ID: <3.0.3.32.19990428083910.009070f0@axp1>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> I may be old fashioned, but I like the sidetone level in my rigs to be
> independent of the audio gain control. It wasn't in the QRP+ so I modified
> mine. It also isn't in the NC20, so I set about to modify that also. If
> you'd like the NC20 sidetone/AFA output to be independent of the audio
> gain
> setting, read on; if not (or you don't <gasp!> have an NC20), hit the
> delete key now.
> -
> This simple mod will allow the TiCK and AFA audio output levels to be as
> independent of the audio gain control (VR4) setting as you wish. This mod
> requires two PCB traces to be cut and one resistor to be added. The
> resistor value controls the degree to which the TiCK/AFA tones are
> independent of the audio gain control (VR4) setting. Select the resistor
> value as follows:
>
> If you want the TiCK and AFA audio levels to be somewhat dependent on the
> setting of VR4, use a resistor in the range 1-3K (e.g., 2.2K). This is
> useful if you frequently switch between headphones and a speaker.
>
> If you want the TiCK and AFA tone levels to be essentially independent of
> the setting of VR4, use a value in the range 5-10K (6.2K works for me. I
> don't recommend using a value greater than 10K.)
>
> To make the mod, proceed as follows:
>
> 1. Find the PCB trace that runs from the wiper contact on VR4 to C56.
> Looking at the bottom of the board with the front panel facing you, the
> trace in question is the one running from VR4 along the right-hand edge of
> the board toward U6.
>
> 2. Using a sharp "hobby knife" or razor blade, cut a small gap in the
> trace
> near the VR4 solder pads.

>
> 3. Solder a 1K to 10K resistor (see above on choice of value) across the
> gap in the PC trace. (You will have to carefully scrape away the green
> coating and tin the trace at the points where the resistor will be
> connected.)
>
> 4. Locate the PCB trace that runs from the common ends of C96 and C101 to
> pin six of U5B. Cut a short gap in the trace near the junction of C96 and
> C101.
>
> 5. Solder a short length of insulated wire (#30 wire-wrap wire works fine
> here) from the junction of C96 and C101 to the end of the resistor
> installed above that is away from VR4 (toward U6). In other words, the
> wire
> should connect C96 - C101 to the wiper of VR4 via a 1K - 10K resistor and
> directly to the end of C56 that previously connected to the VR4 wiper.
> Dress the wire neatly against the bottom of the board; avoid passing it
> directly over any solder pads.
>
> That's it! All that remains to be done is to readjust VR7 and VR8 for
> proper levels of the TiCK and AFA tones, respectively.
>
> Enjoy.
> Larry W1HUE/7
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:32:46 -0700 (PDT)
> From: Jeff <fantbb@yahoo.com>
> To: qrp qrp <qrp-l@lehigh.edu>
> Subject: [39178] Re: National Parks QRP Contest - QRPpark?
> Message-ID: <19990428153246.7188.rocketmail@web601.yahoomail.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
>
> --- Ed Lawson <elawson@lr.net> wrote:
> > On Tue, 27 Apr 1999 14:59:21 -0700, James
> > Carmody wrote:
> >
> > >-but please include state parks
> > >as there are few national parks near Houston.
> >
> > Agreed. None in NH to my knowledge. Just
> > National forests. Maybe
> > expand to national landmarks or historic places
> > instead of just National parks.
>

> Well gang I'll just put down the arguements that
> various hams here hit me with when I proposed a
> QRP-L QSO party.
>
> Let's see now what were the arguements? Oh yes
> here they are.
>
> Who is going to run it? I got a long email really
> attacking me on this.
>
> Oh yes the other was "Why we have QTTF where all
> the QRPers are on from here any way.
>
> Yet another one "Do we need another QRP contest?"
>
> And so on and so on.
>
> Sooo if I am gonna get whacked for proposing a
> QRP contest of sorts. I hope those that whacked
> me attack who ever proposed this also. Seeing how
> it's easier to attack and critize than to use
> their brains to figure out how to add even more
> fun to the hobby.
>
> 72 and still smarting from my last proposal.
>
> Jeff
>
>
>
>
>
>
> ===
> Jeff Jones
> AB6MB
> NorCal QRP Club #65, QRP-L #1780
> CW Forever!!!
> Ghost Hunter
> Owner of the Delta MudCats fantasy baseball team
> Long live Manchester United and the Oakland A's!!!!!!
> _____
> Do You Yahoo!?
> Get your free @yahoo.com address at http://mail.yahoo.com
>
>
> ------------------------------
>

> Date: Wed, 28 Apr 1999 11:37:58 -0400
> From: "Karty, Steven" <kartys@ncs.gov>
> To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
> Subject: [39179] Solar/Battery/Cranked AM/FM Radio for $19.99
> Message-ID:
> <41A8197B6ABCD2119C0600204804F0CC162A5D@rbmail101.chamb.disa.mil>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
>
> I happened to find a copy of an advertising supplement (to the 16 April
> 1999
> Salt Lake Tribune) from General Army Navy Outdoor Store, 4974 So. Redwood
> Rd., phone 966-5556, which lists a $19.99 Solar/Battery/Cranked AM/FM
> Radio.
> It might be fun for some of our hardier members to modify for QRP.
> 72, Steven - N5SK
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:00:40 -0400
> From: elawson@lr.net (Ed Lawson)
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39180] Re: National Parks QRP Contest - QRPpark?
> Message-ID: <19990428155329.AAA1410@office4.office.new>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> On Wed, 28 Apr 1999 08:32:46 -0700 (PDT), Jeff wrote:
>
> >Sooo if I am gonna get whacked for proposing a
> >QRP contest of sorts. I hope those that whacked
> >me attack who ever proposed this also.
>
> What is the big deal, it was just a suggstion.
> Trying to expand the number of locations which
> can be used which in turn might increase the
> numbers who participate.
>
> I suspect if someone suggested a QRP
> contest with multipliers for operating on
> battlefields of the French and Indian War
> those in the West might suggest some alternatives.
>
> I am finding the amount and fun quotiant of QRP contest/events

> to be very high indeed and will participate every chance I get and
> am thankful for those who dream them up and organize them.
>
> But I don't think making a suggestion is whacking anyone.
> Trust me, if that was the intent, you would know it.
>
> Ed Lawson
>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:14:40 -0400
> From: jim seeber <kw3u@warwick.net>
> To: qrp-l@lehigh.edu
> Subject: [39181] xtals wanted
> Message-ID: <372733EF.C97178ED@warwick.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi Gang;
>   I'm now the proud owner of a BA(boatanchor), a nifty little
> lunchbox sized critter called a Johnson Viking adventurer.
>   Got it on the air with a few old ft243's for 40 meters I had from
> the 60's, wud really like to put it on 80 general or novice freqs.
> Anyone wanna trade some 80's for 40 freqs, I have a bunch of
> dupes between 7035 and 7050.   On the other hand a while back
> someone was selling ft243 packages of 5 xtals, is he/company
> still around?   It puts out 35 watts so not qrp in a true sense, but
> I believe someone here posted that age does have it's privileges. :) .
>
>   tnx   Jim KW3U
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:22:12 -0400
> From: Chuck Leskie <cleskie@um-f1.umd.umich.edu>
> To: QRP-L Reflector <qrp-l@lehigh.edu>
> Subject: [39182] Antenna switch
> Message-ID: <372735B6.87F8FC0F@um-f1.umd.umich.edu>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit

> Content-Transfer-Encoding: 7bit
>
> Hello All
>
> I was wondering if anyone has any experience with the Ameritron RS4
> antenna
> switch? Just like many others, I have more than one antenna. In my case
> three.
> Ameritron advertises that you can remotely switch between antennas using
> only
> one feed line out of the house. This could be useful to me, but I wonder
> how
> lossy this switch is, or how dependable? Would appreciate any input.
>
>
> Chuck
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:44:43 -0400
> From: Joseph Burgess <joew3pnl@netcarrier.com>
> To: plburbank@kih.net
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39183] Re: Re.sealed batteries
> Message-ID: <37273AFB.4A6C@netcarrier.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Pete Burbank wrote:
> >
> > Dearest gang.. First of all it is very important to know the
> > exact type of battery that you are dealing with.
> > These things can explode...and have hurt many people.
> >
> > For some strange reason I have been involved with them for years,
> > from laying atop sub batts about 8 feet high to get the
> > specific gravity to maintaining sealed units in medical gear.
> >
> > The best bet is to check with the Mfgr on charging specs,
> > fusing, etc..most have websites as batteries are extremely
> > hazardous.
> > The charging endpoint on sealed Lead-Calcium batteries (12V) is
> > 13.8 volts and if you discharge a 12V cell below 10.8V it may or
> > may not recover.
> > AGAIN...GET THE SPECS!!! these things are small bombs.
> > 72/73/88 Pete NV4V

>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 11:45:40 -0500
> From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
> To: <rakefet@rakefet.com>, "'Low Power Amateur Radio Discussion'"
> <qrp-l@Lehigh.EDU>
> Subject: [39184] RE: Propagation question
> Message-ID: <000001be9196$93ee9140$d8016f81@muenzlerk.uthscsa.edu>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> There is a lot that "we" don't understand about how the ionosphere works.
> Some say it is refraction some say reflection others say that there is
> some
> sort of ducting going on. I believe it's a combination of reflection and
> ducting. I've seen conditions, mostly on 15 and 10, where a certain area
> is booming in and nothing else. I remember during the last solar peak
> hearing eastern Europe/Western USSR (Estonia, Uzbekistan, Kazakhstan,
> Georgia...) and little else. They were all S9 signals but I could hear
> little else. It lasted about 45 minutes and then the band went dead.
> This
> would seem to support the ducting theory where the signals go in at one
> end
> of the duct and out at the other end. Air currents in the ionosphere move
> these holes around. But then what do I know?
>
> Kevin, WB5RUE
>
>
> > -----Original Message-----
> > From: owner-qrp-l@Lehigh.EDU
> > [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> > Vic Rosenthal
> > Sent: Wednesday, April 28, 1999 9:49 AM
> > To: Low Power Amateur Radio Discussion
> > Subject: Propagation question
> > >
> > >
> > The night before last, Europe was booming in here on the West
> > Coast at around
> > 0400-0530z on 20 meters. The solar flux was 105, the K index
> > was 1. Last night
> > there were only a few very weak signals. The flux was 110
> > and the K was 3. The

> > band wasn't particularly noisy. Paul Harden said that the K
> > index didn't have
> > much effect on the high bands anyway.
> >
> > Why were the conditions so different? What factors affect
> > conditions beside the
> > flux and k index?
> >
> > I *really* want to understand this!
> >
> > 73,
> > Vic, K2VCO
> > Fresno CA
> >
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 18:51:07 +0200
> From: "Peter Zenker" <Peter_DL2FI@csi.com>
> To: <ap036@detroit.freenet.org>, "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
> Subject: [39185] Which wire for the QRP-PA
> Message-ID: <000501be90e7$2eeece40$13a39ec1@zenkerpn>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
>
>
> > Now, as to the wire for the transformer. I have three gauges of
> transformer
> > wire. No 26, No: 28 and No: 30.   It appears to be No: 30, is that
> correct?
>
> > 73/72 de Steve, W8SFF
>
>
> Yes, AWG 30 is fine, its very similar to our 0,2mm.
>
> I made transformers using AWG 29, it is possible, but not soo easy to
> handle.
>
> Peter, DL2FI
>
>
>

>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 13:01:18 EDT
> From: HWRM1SS@aol.com
> To: njqrp@njqrp.org, qrp-l@lehigh.edu
> Subject: [39186] Portable/QRP ops - with Kenwood TS-520
> Message-ID: <8040b354.245898de@aol.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Fellow QRPers,
>
> I am in need of a DC Power Cable (or at least the 12 pin connector --
> Jones
> Plug???) for my old TS-520 as I am putting together my QRP/Camping
> Station.
>
> I have modified the TS-520 using the Internat'l Radio kit for a hotter
> front
> end -- works well... Considering the possibility of running it with just
> the
> 12BY7A driver - or - just using the receiver with my FB-40 or Tri Tet 6V6
> oscillator.....
>
> Any information would be appreciated
>
> Tnx es 72;
>
> Howard K3HW
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 11:15:52 -0600
> From: "Carl Zmola" <zmola@campbellsci.com>
> To: qrp-l@lehigh.edu
> Subject: [39187] Re: National Parks QRP Contest - QRPpark
> Message-ID: <19990428171107700.AAA239@carl-zmola>
> MIME-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
> Content-Transfer-Encoding: 7BIT
>

> > Great idea for a contest. I'd like to operate from Federal Hall in
> > Manhattan at the corner of Wall and Broad Street. Or maybe from the
> > Statue of Liberty. Wonder what I'd need to do something like that?
>
> I don't know but you would get an awsome multiplier if you could
> load the statue.
>
> > My friend Tony WW2W had the idea to operate from the gravesite of Samuel
> > Morse at Greenwood Cemetary in Brooklyn. Not a National Park, but would
> > be pretty eerie putting up an inverted-vee in that place... without
> > getting bounced out!
>
> Talk about stealth operation. Set up some scheduled contacts. It
> would make a great qsl card too.
>
> > I always wanted to operate from Central Park (during the day). Would
> that
> > count for something?
>
> Hazzard pay?
>
>
> Carl
> zmola@campbellsci.com
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 13:10:23 -0400
> From: "Tom Hybiske" <hybiske@generalatronics.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39188] Re: Antenna switch
> Message-ID: <01be919a$00fb1a80$8c68f326@hybiske.generalatronics.com>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Here ya go Chuck. Follow this URL:
> http://www.ameritron.com/specs/rcs4.html
>
> Tom K3GM
>
>
> >Hello All
> >
> >I was wondering if anyone has any experience with the Ameritron RS4
> antenna

> >switch? Just like many others, I have more than one antenna. In my case
> three.
> >Ameritron advertises that you can remotely switch between antennas using
> only
> >one feed line out of the house. This could be useful to me, but I wonder
> how
> >lossy this switch is, or how dependable? Would appreciate any input.
> >
> > Chuck
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:16:18 -0500
> From: "Mark Hogan" <mhogan@email.msn.com>
> To: "QRP LIST" <qrp-l@Lehigh.EDU>
> Subject: [39189] NC-20 transmitter Offset
> Message-ID: <008c01be919a$db876ff0$6ae60181@mhogan-ws>
>
> Ok folks
> as you guys know from enduring my post last week of another nc20 lives
> mine
> is working.
> I am however a little confused about my offset. I tried to set it, but
> how
> do you make the sidetone play while you adjust the offset so you can zero
> both tones. I'm going to check it tonight and re-read the book again, but
> last night I did not see that it worked this way.
>
> Although I made a contact last week after I finished the rig, I am not
> 100%
> sure I did this right. Since I did a good job on the rest of it, I'd like
> this to be perfect (or real close) also.
>
> Thanks in advance.
>
> Also I'd like to publicly thank all those (that I inadvertently didn't
> respond to) that offered advice on my 38s. Its working great now, my
> mouser
> order came today, so I'll be 10 turning my nc20 and working on the custom
> enclosure for the 38s this week.
> This is a great bunch of hams.
>
>
> Mark Hogan
> N5OBC
>
>

>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:17:36 -0500
> From: W5TB <w5tb@SoftHome.net>
> To: wa8mcq@erols.com, "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Subject: [39190] Re: QRP ARCI prize for HamCom
> Message-ID: <v04011705b34cec53ed94@[10.4.12.206]>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> At 1:39 PM -0400 4/27/99, Mike Czuhajewski wrote:
>
> >I really don't want to make preregistration a requirement for winning the
> >QRP ARCI prize.
>
> It won't be Mike!   I've been swamped at work but should have time this
> weekend to clarify the prize list. One or two will be limited to those who
> pre-register for the purpose of knowing how many to expect for the forums,
> and for creating a HAMCOM QRP Frenzy by encouraging QRPers from all over
> the planet to gather at HAMCOM. MANY prizes will be available for those
> who
> attend the QRP seminars.
>
> The DFW airport is only 15 minutes away, we have QRP rooms set aside for
> less money than the MArriott's official HAMCOM rate (Thanks George!), and
> some of the finest QRP speakers availble. It's gonna be a FUN time at
> HAMCOM for QRPers!!!!
>
>
> At today's low rates on travelocity I see you can fly round-trip to DFW
> You
> from Atlanta for $172 and Los Angeles for $242 -- other bargains abound
> for
> the savvy airfare shopper (see www.travelocity.com or www.bestfares.com)
>
> COME JOIN US !
>
> 73 T.E. 'Doc' Drake W5TB
>
> Arlington, TX   w5tb@softhome.net   http://www.qsl.net/w5tb/
> QRPARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
> ARRL Life Member
>
> ------------------------------
>

> Date: Wed, 28 Apr 1999 13:25:36 -0400
> From: dor <elbc@pivot.net>
> To: rakefet@rakefet.com, Vic Rosenthal <rakefet@rakefet.com>, "Low Power
> Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39191] Re: Propagation question
> Message-ID: <99042813262801.00406@localhost.localdomain>
> Content-Type: text/plain
> MIME-Version: 1.0
> Content-Transfer-Encoding: 8bit
> Content-Transfer-Encoding: 8bit
>
> On Wed, 28 Apr 1999, Vic Rosenthal wrote:
> >The night before last, Europe was booming in here on the West Coast at
> around
> >0400-0530z on 20 meters. The solar flux was 105, the K index was 1.
> Last night
> >there were only a few very weak signals. The flux was 110 and the K was
> 3. The
> >band wasn't particularly noisy. Paul Harden said that the K index didn't
> have
> >much effect on the high bands anyway.
> >
> >Why were the conditions so different? What factors affect conditions
> beside the
> >flux and k index?
> >
> >I *really* want to understand this!
> >
> >73,
> >Vic, K2VCO
> >Fresno CA
>
> The A index.. is very important to 20 meters /all Hf bands for that matter
> ..
> it's more important than the K
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 11:34:43 -0600
> From: "Carl Zmola" <zmola@campbellsci.com>
> To: qrp-l@lehigh.edu
> Subject: [39192] (Fwd) Re: Worked All Truck Stops (Was: National Parks)
> Message-ID: <19990428172958416.AAA253@carl-zmola>
> MIME-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
> Content-Transfer-Encoding: 7BIT
>

>
> > > > How about just operate from the park,period.
> > > > "QRP from the Park"
> > > >
> > >   How about a "Worked All Truck Stops in XX"? :{)
> >
> > Don't you need an 11 meter rig for that?
> >
>
> Actually you need an 11m rig, converted to 10m :-)
>
> If you don't mod the finals, you have qrp by default :-)
>
> Make sure to work 28.085, that's the trucker frequency ;-)
>
>
>
> Carl
> zmola@campbellsci.com
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 10:41:38 -0700
> From: Vic Rosenthal <rakefet@rakefet.com>
> To: dor <elbc@pivot.net>
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39193] Re: Propagation question
> Message-ID: <37274852.74334CEE@rakefet.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> dor wrote:
> >
> > The A index.. is very important to 20 meters /all Hf bands for that
> matter ..
> > it's more important than the K
>
> I thought the A index was just a 24-hour average of the K (on a different
> scale,
> of course). Anyway, the A index wasn't outrageous yesterday either.
>
> 73,
> Vic, K2VCO
> Fresno CA
>
> ------------------------------

>
> Date: Wed, 28 Apr 1999 14:18:38 -0400
> From: Bill Cotter <bcotter@pop.uky.edu>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39194] FS: Tentec Delta-580 QRP<100W + WARC
> Message-ID: <3.0.5.32.19990428141838.00a009d0@pop.uky.edu>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> For Sale:
>
> An exceptionally well cared for Delta-580 in excellent condition
> used for vacations, field-day and portable operation. The cabinet
> paint and front panel are scratch-free and like new, with all panel
> lettering clear and smudge-free. There is a minor rub on top of the
> plastic faceplate which is barely visible. This light weight,
> compact 100W SSB/CW transceiver operates on all nine bands and
> includes a noise blanker that really works. The legendary QSK, pure
> sidetone and AF BP/notch filters make the Delta a pleasure to
> operate on CW. Variable power and ALC controls allow QRP to 100W
> operation. Includes the original manual and TenTec service history.
> $475 plus shipping.
>
> Thanks,
>
> 73 Bill N4ALG
>
>
> A sample Delta-580 is on the Unofficial TenTec page:
>
>   http://asd.state.va.us/tentec/specs/580.jpg
>
> ---
> Bill Cotter, N4ALG   E-mail: bcotter@pop.uky.edu
> 173 Carolyn Lane   Home: (606) 887-5563,2402
> Nicholasville, KY 40356-9340   Work: (606) 323-6474
>
> ARRL   ARCI #9878   QRPl #1646   QCWA #29393   FISTS #4535
> ---
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:34:03 MDT
> From: "David F. Kurth" <dfk@col.hp.com>
> To: QRP-L@LEHIGH.EDU
> Subject: [39195] Re: Chernobyl Virus and reformatting HD
> Message-ID: <199904281834.MAA19882@tcle1120.col.hp.com>
>

> >
> > Fellow Listees: I have seen reference to a low lever format of the
> harddrive
> > being required, after Chernobyl Virus is finished with one. Are we
> actually
> > talking about a LOW LEVEL format, rather than a simple re-partitioning/
> > formatting of the harddisk?
>
> I've been told one should never low level format an IDE hard drive. The
> controller puts more sectors on the outside tracks than on the inside
> tracks.
> This allows more data capacity. The internal controller hides all this
> from
> the host computer by using W tracks, X heads, Y sectors, and Z cylinders.
> With the old RLL and MFM drives, you could mess with them and not cause
> problems. The new IDE drives should be left alone. Using the DOS
> programs
> FDISK and FORMAT will work fine, just don't do any low level formatting or
> bit twiddling.
>
> Dave N0UVR
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 11:53:11 -0700 (PDT)
> From: Jeff Grudin <grudin@pacific.vdbs.com>
> To: qrp-l@lehigh.edu
> Subject: [39196] Sorry for that last message
> Message-ID: <199904281853.LAA28832@pacific.vdbs.com>
> Content-Type: text
>
> Guy's es Gal's
>
> Sorry for that last message. It was meant for Mike Gipe. I hate this
> elm program for email. I can't wait to get back onmy normal mailer.
>
> 73 de AC6KW
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 15:23:08 EDT
> From: PDouglas12@aol.com
> To: qrp-l@lehigh.edu
> Subject: [39197] Some thoughts on Seminars and FDIM
> Message-ID: <8f574fe2.2458ba1c@aol.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Content-Transfer-Encoding: 7bit

> Content-Transfer-Encoding: 7bit
>
>
> Ladies and Gents,
> I have read and heard a number of unkind comments about charging money for
>
> the FDIM program at Dayton (never mind the sum is nominal, particularly in
>
> view of the benefits and other big costs of just coming to Dayton). It's
> not
> that folks just say that their program is swell, 'cause it's free. It's
> when
> they say something like, "OURS is FREE, unlike some others we know," that
> I
> get riled. See, that's whatcha' call a snide remark.
>
> Some history first. Bruce Muscolino and Bob Gobrick got the idea five
> years
> ago that an extra day in front of the Dayton Hamfest weekend could be
> added
> to provide a serious QRP seminar with lecturers, formal papers, and
> goodies.
> Paulette Quick and I were enlisted that first year to round out the four
> person committee. QRP ARCI had no part in that founding program; nor had
> anyone in all of QRPdom done anything on that scale before (that I ever
> heard
> of, anyway.) We provided a full day seminar,coffee, lunch, and written
> materials (still available through Bruce, incidentally). We charged
> enough
> to break even, and, as a matter of fact, we just about did. I suspect
> that
> each of us went into our own pockets to help pay for some things, rather
> than
> charge the bottom line, but that's water under the bridge.
>
> The following year, Paulette bowed out (gracefully, as always) and Bob
> Follett took her job. I think at that point we asked QRP ARCI to help
> with
> any shortfall, which the club undertook to do; but there wasn't any
> anyway.
> In fact, there was a modest "profit" left over which, theoretically, was
> the
> property of the committee itself. We chose to donate it as seed money for
>
> the next year's FDIM.
>
> By the third year, there was a change of the guard, and the new FDIM
> became

> more closely affiliated with ARCI. Now, it is an ARCI run and sponsored
> event.
>
> So, why isn't it free? Because Dayton is unique. It is the Mecca of
> hams,
> who come to pilgrimage once a year, and the nice folks who run the hotels
> in
> Dayton are happy to see us. They are so happy that they follow the good
> business rules of supply and demand and jack up the prices when we come.
> Instead of getting a special reduced price, we get a special raised price.
>
> And the meeting rooms don't come free with the block of rooms, as they
> would
> at other times of the year in Dayton or elsewhere. They cost money.
> Plus,
> the usual costs of printing/copying materials, folders, coffee, and
> goodies.
> True, though, most of the prizes are donated.
> As I mentioned, FDIM is now an ARCI sponsored event.
> ARCI is a membership-owned club with members 'round the world. The
> members
> elect a board and officers, and these folks are charged with running a
> club
> for the benefit of the members. We have a charter with rules whose
> purpose
> is to perpetuate a club and provide member benefits beyond the terms of
> any
> individual officers or members of the Board. About a hundred QRPers, not
> all
> members of QRP ARCI, come to the FDIM seminar each year. The other
> members
> of QRP ARCI receive no benefit whatsoever from the seminar way out there
> in
> Dayton. These other members are primarily concerned with the quality and
> content of the QRP Quarterly (QQ) and ARCI operating events. They may
> receive local benefits from ARCI because it donates some items to local
> events, but the QQ is the thing most members want for their membership
> dollar. It isn't fair to put fewer pages into the QQ because a hundred
> hams
> will be getting a free seminar, and for that reason, it isn't done that
> way.
>
> Now, in direct answer to critics who want to say that ARCI should be able
> to
> put on a free seminar because others are doing it: Sorry, but there is no
>
> free lunch. Somebody is paying, even if the sources aren't always
> obvious.

> At a recent seminar, I noticed (and dropped money into) a jar soliciting
> contributions to help defray the costs of the meeting. I was glad to
> contribute, because I didn't want the folks who organized up the thing to
> eat
> the leftover bills. But isn't that the point? Sure it's free, if someone
>
> else is paying.
>
> So, guys, run all the free programs you want. But don't run ours down
> because FDIM, which was the original and was there firstest with the
> mostest,
> can't be done that way. That doesn't mean the people who ran FDIM in the
> past, or run it today don't volunteer a lot of time and work (for free!)
> to
> make it a good program. We did, and they do. I worked on FDIM for two
> years
> and missed a lot of the Hamvention fun those two years. A lot of folks
> thanked us for putting on FDIM. Some didn't. And all of us take it
> personally when folks criticize FDIM because it has to charge a nominal
> amount to defray costs. I guess some folks would like us to volunteer our
>
> time and pay for the event ourselves, and I happen to resent that. We
> have a
> number of people who contribute their time and money, one or both, to the
> benefit of the rest of us. Anyone who is foolish enough to criticize
> someone
> who is performing volunteer work, or contributing his money should shut up
>
> and get out of the way.
>
> 72,
>
> Preston Douglas WJ2V
> Member of the BoD of ARCI and original member of the FDIM committee.
>
> PS This has been read verbatim to Chuck Adams on the phone. He encouraged
>
> its posting and supports its content. However, he and I both ask please
> let's not make this a long thread, as it is politics, not QRP, and not
> fun-related, which our purpose on QRP-L.
>
>
> ------------------------------
>
> Date: Thu, 29 Apr 1999 14:38:32 -0500 (CDT)
> From: Jim Glover <psykey@okcforum.org>
> To: qrp-l@lehigh.edu, homebrew@qth.net, okcham@okcforum.org
> Subject: [39198] Radio Building Blocks

> Message-ID: <199904291938.OAA01313@okcforum.org>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> A friend (Mark, KD5AMB) and I are planning to develop an idea we've
> cooked up together, to build basic radio circuits (such as mixers,
> oscillators, RF amplifiers, AF amplifiers, filters, and so on) as
> separate building blocks, and then wire the blocks together, to
> make projects such as receivers, transmitters, and transceivers.
> The idea is to have building blocks which could be mixed and matched
> in various ways, cabled together to assemble something useful, and
> then disassembled into parts for something else.
>
> Consider, for example, a direct conversion receiver, which would
> require a low-pass filter, a local-oscillator signal source, a
> mixer, and an audio amplifier. The signal source could be a crystal
> oscillator, a VFO circuit, a signal generator, or a DDS VFO (made
> from a kit, homebrewed, or bought from commercial sources). The
> audio amplifier could be one of several possible homebrew circuits,
> the phono input on a stereo, or a Radio Shack speakerphone (I guess
> they still make those!).
>
> The filter, a crystal oscillator circuit, the mixer, and the audio
> amplifier could all be built from simple circuits (or not-so-simple
> circuits, or commercially available ready-made devices). Assuming
> they were all built by hand, each could be built in its own little
> box, with connectors for power, inputs and outputs. Each box would
> not only contribute to the building of a simple direct conversion
> reciever, but could also be used to contribute to more complex,
> sophisticated projects, in the future.
>
> With a complete set of these radio biulding blocks, a tinkerer
> could put together a different sort of device to play with, each
> evening. This is sort of the same idea as a 100-in-1 electronics
> projects kit. It brings the concept one layer deeper, though,
> by first using elemental electronics components to build basic
> radio circuit modules, and then using those modules as the lego
> blocks (Lincoln logs, tinker toys, Erector set, Mechano set, or
> whatever sort of building kit toy you're familiar with) out of
> which working radios can be built.
>
> We imagine this would be not only a flexible and satisfying way
> to approach homebrewing, but also, a fun way to learn more about
> how radio works, and a way to snag the interest of kids. (Just
> gotta make sure they get their license before they build anything
> that goes on the air!)

>
> What do you think? Ideas? Comments? Suggestions?
>
> --Jim WB5UDE
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 15:55:28 -0400
> From: Bruce Muscolino <w6toy@erols.com>
> To: PDouglas12@aol.com
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39199] Re: Some thoughts on Seminars and FDIM
> Message-ID: <372767B0.2999@erols.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Preston,
>
> Very well said! I do want to clear up one confusion. While the first
> two years of FDIM were independent of and QRP ARCI money, we did have a
> commitment from them to cover us if we found we had no attendees. For
> that we gave back sponsorship in the printed materials. It seemed a
> fail trade, even though Bob and I could have paid for the whole thing
> ourselves (and still been paying for it!).
>
> I had a lot of fun running FDIM the first two years. I met a lot of
> nice people that I wouldn't have met otherwise -- you, Paulette and Bob
> among them! I look forward to helping out again when my mobility
> improves!
>
> 73,
>
> Bruce Muscolino
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 20:00:01 GMT
> From: frussle@erols.com (Jake Brodsky)
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39200] Re: Radio Building Blocks
> Message-ID: <37326612.7112483@smtp.erols.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: quoted-printable
> Content-Transfer-Encoding: quoted-printable
>

> On Thu, 29 Apr 1999 14:38:32 -0500 (CDT), Jim, WB5UDE wrote:
>
> >A friend (Mark, KD5AMB) and I are planning to develop an idea we've
> >cooked up together, to build basic radio circuits (such as mixers,
> >oscillators, RF amplifiers, AF amplifiers, filters, and so on) as
> >separate building blocks, and then wire the blocks together, to
> >make projects such as receivers, transmitters, and transceivers.
> >The idea is to have building blocks which could be mixed and matched
> >in various ways, cabled together to assemble something useful, and
> >then disassembled into parts for something else.
>
> This has been suggested in various publications in the past. In fact,
> I even wrote a letter to QST years ago suggesting exactly this. =20
>
> >Consider, for example, a direct conversion receiver, which would
> >require a low-pass filter, a local-oscillator signal source, a
> >mixer, and an audio amplifier. The signal source could be a crystal
> >oscillator, a VFO circuit, a signal generator, or a DDS VFO (made
> >from a kit, homebrewed, or bought from commercial sources). The
> >audio amplifier could be one of several possible homebrew circuits,
> >the phono input on a stereo, or a Radio Shack speakerphone (I guess
> >they still make those!).
>
> Ever seen the T2, R2 and miniR2 projects?
>
> >The filter, a crystal oscillator circuit, the mixer, and the audio
> >amplifier could all be built from simple circuits (or not-so-simple
> >circuits, or commercially available ready-made devices). Assuming
> >they were all built by hand, each could be built in its own little
> >box, with connectors for power, inputs and outputs. Each box would
> >not only contribute to the building of a simple direct conversion
> >reciever, but could also be used to contribute to more complex,
> >sophisticated projects, in the future.
>
> Yeah. You can also buy some of these things from Mini-Circuits.
>
> >With a complete set of these radio biulding blocks, a tinkerer
> >could put together a different sort of device to play with, each
> >evening. This is sort of the same idea as a 100-in-1 electronics
> >projects kit. It brings the concept one layer deeper, though,
> >by first using elemental electronics components to build basic
> >radio circuit modules, and then using those modules as the lego
> >blocks (Lincoln logs, tinker toys, Erector set, Mechano set, or
> >whatever sort of building kit toy you're familiar with) out of
> >which working radios can be built.
>
> Radio will never get quite that easy. If you want anything better
> than mediocre performance you'll still have to deal with proper

> diplexer matches with mixers, making an AGC work smoothly across the
> radio (assuming it has AGC), noise figure, IMD, and so on.
>
> "One size fits all" modules will never make an ideal fit here.
>
> >We imagine this would be not only a flexible and satisfying way
> >to approach homebrewing, but also, a fun way to learn more about
> >how radio works, and a way to snag the interest of kids. (Just
> >gotta make sure they get their license before they build anything
> >that goes on the air!)
>
> You can break up the bits and pieces of the R2 project to get very
> nice product detector, audio phase shift circuit, and a very clean
> audio amplifier. You can even purchase some MAR series of single
> stage broadband amplifiers for use at some IF frequency. =20
>
> >What do you think? Ideas? Comments? Suggestions?
>
> Take a look at Kanga US's web page and see how much of your work has
> already been done.
>
> Jake Brodsky, mailto:frussle@erols.com
> "Nearly fifty percent of all graduates came from=20
> the bottom half of the class."
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 13:02:25 -0700
> From: "William Phinizy" <k6whp@gte.net>
> To: "Jim Glover" <psykey@okcforum.org>, <qrp-l@lehigh.edu>,
> <homebrew@qth.net>, <okcham@okcforum.org>
> Subject: [39201] Re: [HomeBrew] Radio Building Blocks
> Message-ID: <000801be91b2$0ade4e60$bbaa2599@k6whp>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Jim..
>
> This is an excellent idea. Others have used this approach already (I
> am sure that is not a big surprise), but it is commendable
> nonetheless. I would refer you to two ARRL references (both, sadly,
> out of print): "Solid State Basics" (NOT "Solid State Design") by Doug
> DeMaw wherein he uses this concept to build both an 80-meter receiver
> as well as an 80-meter transmitter. More strictly along the lines of
> component circuits would be DeMaw's MCM artivle in the ARRL "QRP

> Classics". Here he builds tiny circuits on IC socket headers. The
> miniaturization concept mught be ambitious, but the circuits are
> worhty of your regard.
>
> Good luck and 72,
>
> Bill
>
> -----Original Message-----
> From: Jim Glover <psykey@okcforum.org>
> To: qrp-l@lehigh.edu <qrp-l@lehigh.edu>; homebrew@qth.net
> <homebrew@qth.net>; okcham@okcforum.org <okcham@okcforum.org>
> Date: Wednesday, April 28, 1999 12:39 PM
> Subject: [HomeBrew] Radio Building Blocks
>
>
> |A friend (Mark, KD5AMB) and I are planning to develop an idea we've
> |cooked up together, to build basic radio circuits (such as mixers,
> |oscillators, RF amplifiers, AF amplifiers, filters, and so on) as
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> |require a low-pass filter, a local-oscillator signal source, a
> |mixer, and an audio amplifier. The signal source could be a crystal
> |oscillator, a VFO circuit, a signal generator, or a DDS VFO (made
> |from a kit, homebrewed, or bought from commercial sources). The
> |audio amplifier could be one of several possible homebrew circuits,
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> |they still make those!).
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> |that goes on the air!)
> |
> |What do you think? Ideas? Comments? Suggestions?
> |
> |--Jim WB5UDE
> |
> |----
> |Submissions: homebrew@qth.net
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 14:12:39 -0600 (CST)
> From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39202] Re: [HomeBrew] Radio Building Blocks
> Message-ID: <Pine.OSF.4.05.9904281411480.16200-100000@duke.usask.ca>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> I seem to remember something like this in the ARRL handbook. I think it
> was the R2 receiver?
>
> Brian.
>
> On Wed, 28 Apr 1999, William Phinizy wrote:
>
> > Jim..
> >
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> >
> > Good luck and 72,
> >
> > Bill
> >
> > -----Original Message-----
> > From: Jim Glover <psykey@okcforum.org>
> > To: qrp-l@lehigh.edu <qrp-l@lehigh.edu>; homebrew@qth.net
> > <homebrew@qth.net>; okcham@okcforum.org <okcham@okcforum.org>
> > Date: Wednesday, April 28, 1999 12:39 PM
> > Subject: [HomeBrew] Radio Building Blocks
> >
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> > |that goes on the air!)
> > |
> > |What do you think? Ideas? Comments? Suggestions?
> > |
> > |--Jim WB5UDE
> > |
> > |----
> > |Submissions: homebrew@qth.net
> >
> >
>
> +---
> -+
> | Brian Buydens,   Computing Services, University of Saskatchewan
> |
> | email: Brian.Buydens@usask.ca   http://duke.usask.ca/~buydens
> |
> | VE5RDV
> |
> +---
> -+
>
>
>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 14:17:05 -0600
> From: "Down" <adown@sprint.ca>
> To: "QRP-C" <qrp-canada@lists.gpfn.sk.ca>
> Cc: "Earl" <earlmurf@telusplanet.net>, "QRP-L" <qrp-l@lehigh.edu>
> Subject: [39203] Fw: April 28, 20m bow-k
> Message-ID: <199904282014.QAA25297@hme0.mailrouter02.sprint.ca>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
>
> : Thought we were going to do ok today. Started off not too badly, but

> took
> a
> : header after first half hour.
> :
> : Lots of QRM from 14280 up to 14292, so had to hang on hard to keep my
> spot
> : at 14284/14285. Too bad we couldn't give you a bit more on the log
> : folks....I swung beam from East to SE to South to SW to West es
> NortWest,
> : lingering a few minutes at each spot, es then moved back in reverse.
> Tried
> : dipole abt every 15 minutes as well....just no ops to be heard QRP where
> I
> : was. lots happening around me tho......anyone hear me other than these
> : stations logged??
> :
> : April 28 20meters ssb 14285 1700z-1900z from VE5HQ Sask.
> :
> : Time   Call   Name   rx /tx   QTH   QRP-C#   Pwr
> : 1702z   KR0I   Mac   49   49   Mo   110
> : 1707z   VE7DU   Cliff   57   57   BC   5w
> : 1725z   WA7FBO   Don   59   44   Wa   5w
> :
> : Sorry abt the lack of flowers today...will be on 80m April 30 at 0100z
> on
> : or near 3.560.0 cw...(yes, I will be there the right time es
> day....some
> : kind soul is sure to remind me...hi!)
> :
> : 72,
> : Bill..   "Pounding Brass in Regina, Sask."
> : VE5HQ   http://www.qsl.net/ve5hq/
>
> ------------------------------
>
> Date: Fri, 30 Apr 1999 13:22:31 -0700
> From: Jim <w7ls@blarg.net>
> To: kartys@ncs.gov, qrp-l@lehigh.edu
> Subject: [39204] Re: Solar/Battery/Cranked AM/FM Radio for $19.99
> Message-ID: <372A1107.A4ED0AAA@blarg.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I've been thinking the same thing. I might just get one and gut it. Let's
> see,
> you slit it up the front and hang it from a tree to get the juices out,

> then.......
>
> Jim W7LS
>
> "Karty, Steven" wrote:
>
> > I happened to find a copy of an advertising supplement (to the 16 April
> 1999
> > Salt Lake Tribune) from General Army Navy Outdoor Store, 4974 So.
> Redwood
> > Rd., phone 966-5556, which lists a $19.99 Solar/Battery/Cranked AM/FM
> Radio.
> > It might be fun for some of our hardier members to modify for QRP.
> > 72, Steven - N5SK
> >
> >
> ------------------------------
>
> Date: Wed, 28 Apr 1999 16:17:52 EDT
> From: Robsparks@aol.com
> To: qrp-l@lehigh.edu
> Subject: [39205] AR-QRP 40 m Net Tonight
> Message-ID: <eb51be6c.2458c6f0@aol.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> AR-QRP 40 m Net Wednesday Night
>
> The AR-QRP 40 m net is tonight, Wednesday, at 0030Z (7:30 CDT) at 7.042
> MHz.
> Bob, AB5ZD is NCS and will be calling "CQ AR QRP NET de NQ5RP PSE QNI".
> (Note
> the use of our new club call!) At that time, please send your full call.
> When
> I copy it, I will return your call and AS (stand by) while more call in.
> When
> I have the list, I will start at the top and go down the list for reports
> and
> comments. If you are trying a new rig or antenna, tell us about it! This
> is a
> fun, informal net. It is a low hassle way to learn how to check into a
> net,
> and you don't need to be a member of the AR-QRP Club to check in. We
> welcome
> new check-ins! Here's hoping that the bands will cooperate!
>

> 72,
>
> Bob AB5ZD
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 16:20:17 -0400
> From: Don Lefrancois <wb1cdh@cwix.com>
> To: QRP-L <QRP-L@Lehigh.edu>
> Subject: [39206] MPX-MINI By Digitrex
> Message-ID: <000101be91b4$88e67ce0$e1433ea6@0302316260447626>
> MIME-version: 1.0
> Content-type: text/plain; charset="iso-8859-1"
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi Guys,
>   Anyone ever have any experience with a MPX-MINI Multiband
> Transceiver by Digitrex. I had one a while back and it looked great,
> promised much and drifted all the time. All of a sudden it has peaked my
> interest again.
>
> Don/ K1NNP
> Jewett City, Ct.
>
>
> ------------------------------
>
> Date: 28 Apr 99 16:40:13 EDT
> From: Roy Lincoln <wa4dou@usa.net>
> To: w7ls@blarg.net, qrp-l@lehigh.edu
> Subject: [39207] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
> Message-ID: <19990428204015.1042.qmail@www0q.netaddress.usa.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=US-ASCII
> Content-Transfer-Encoding: quoted-printable
> Content-Transfer-Encoding: quoted-printable
>
>   Hi All,
>   I have a hard time believing that a radio with a hand cranked generat=
> or at
> $20 can be anything but junk. 73 Roy Lincoln
> WA4DOU--=
> --=
> --
>   =
>   =
>

> Jim
> <w7ls@blarg.net> wrote:
> I've been thinking the same thing. I might just get one and gut it. Let's=
> see,
> you slit it up the front and hang it from a tree to get the juices out,
> then.......
>
> Jim W7LS
>
> "Karty, Steven" wrote:
>
> > I happened to find a copy of an advertising supplement (to the 16 April=
> 1999
> > Salt Lake Tribune) from General Army Navy Outdoor Store, 4974 So. Redwo=
> od
> > Rd., phone 966-5556, which lists a $19.99 Solar/Battery/Cranked AM/FM R=
> adio.
> > It might be fun for some of our hardier members to modify for QRP.
> > 72, Steven - N5SK
>
>
> ____
> Get free e-mail and a permanent address at
> http://www.netaddress.com/?N=3D=
> 1
>
> ------------------------------
>
> Date: Fri, 30 Apr 1999 13:47:51 -0700
> From: Jim <w7ls@blarg.net>
> To: Roy Lincoln <wa4dou@usa.net>, qrp-l@lehigh.edu
> Subject: [39208] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
> Message-ID: <372A16F7.25120C3D@blarg.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi, Roy. It's a typical cheap am/fm radio with a little solar panel on
> top and a toy motor with a windup spring in there, too. Or it might be a
> supercap to hold the charge. At any rate, the Pixie would work nicely off
> of that power and it is so small, it would rattle around inside. May try
> it.
>
> Jim W7LS
>
> Roy Lincoln wrote:
>

> >   Hi All,
> >   I have a hard time believing that a radio with a hand cranked
> generator at
> > $20 can be anything but junk. 73 Roy Lincoln
> >
> WA4DOU--
> --
> >
> >   Jim
> > <w7ls@blarg.net> wrote:
> > I've been thinking the same thing. I might just get one and gut it.
> Let's see,
> > you slit it up the front and hang it from a tree to get the juices out,
> > then.......
> >
> > Jim W7LS
> >
> > "Karty, Steven" wrote:
> >
> > > I happened to find a copy of an advertising supplement (to the 16
> April 1999
> > > Salt Lake Tribune) from General Army Navy Outdoor Store, 4974 So.
> Redwood
> > > Rd., phone 966-5556, which lists a $19.99 Solar/Battery/Cranked AM/FM
> Radio.
> > > It might be fun for some of our hardier members to modify for QRP.
> > > 72, Steven - N5SK
> >
> > ____
> > Get free e-mail and a permanent address at
> http://www.netaddress.com/?N=1
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 16:50:31 -0500
> From: Randy Randall <RANDALLR@Healthall.com>
> To: qrp-l@Lehigh.EDU, wa4dou@usa.net
> Subject: [39209] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
> Message-ID: <s7273c8b.081@Healthall.com>
> Mime-Version: 1.0
> Content-Type: text/plain
> Content-Disposition: inline
>
> I have seen on of these and you are right. J U N K ! If you could wind
> the gen for more than an hour before the handle broke, you would be lucky.
>
> Randy KB8ASO

>
> Randy E. Randall
> Network Engineer
> The Health Alliance of Greater Cincinnati
> 3200 Burnet Ave. Room 4618
> Cincinnati, Ohio 45229
> Ph. 513-585-7146
> E-mail randallr@healthall.com
>
> >>> Roy Lincoln <wa4dou@usa.net> 04/28 3:40 PM >>>
>   Hi All,
>   I have a hard time believing that a radio with a hand cranked
> generator at
> $20 can be anything but junk. 73 Roy Lincoln
> WA4DOU----------
> ----------
>
>   Jim
> <w7ls@blarg.net> wrote:
> I've been thinking the same thing. I might just get one and gut it. Let's
> see,
> you slit it up the front and hang it from a tree to get the juices out,
> then.......
>
> Jim W7LS
>
> "Karty, Steven" wrote:
>
> > I happened to find a copy of an advertising supplement (to the 16 April
> 1999
> > Salt Lake Tribune) from General Army Navy Outdoor Store, 4974 So.
> Redwood
> > Rd., phone 966-5556, which lists a $19.99 Solar/Battery/Cranked AM/FM
> Radio.
> > It might be fun for some of our hardier members to modify for QRP.
> > 72, Steven - N5SK
>
>
> _____
> Get free e-mail and a permanent address at http://www.netaddress.com/?N=1
>
> !
>   !
>
> !
>   !
>
>

>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 17:06:56 -0700
> From: ke3fl@juno.com
> To: qrp-l@lehigh.edu
> Subject: [39210] Diode?
> Message-ID: <19990428.170656.16166.12.ke3fl@juno.com>
>
> Sorry this is not exclusivly a QRP question.
>
> After replacing the finals in my 2-meter mobile rig (4W - 40W)
> I also found that a diode was dead. The part number listed
> in the service manual is:
>
>   MI407
>
> Can anyone tell me what it is? Can I substitute a 1N4148?
> (I've already done so to at least test it out & I now have full
> operation back. I don't want to use it on the air if it is not a
> good replacement since it could be causing other problems.)
>
> Thanks & please respond to me at ke3fl@juno.com.
>
> If anyone want the answer e-mail me & I'll pass the answer on.
> If too many ask I'll post it.
>
> 72 & 73 de KE3FL
> Phil
>
> ____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 15:15:39 -0600
> From: Steve Kubisch <WW7Y@sisna.com>
> To: qrp-l@lehigh.edu
> Subject: [39211] QRP-ARCI Spring Quarterly ??
> Message-ID: <37277A7B.AB460A6F@sisna.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Is the spring quarterly out yet? I renewed in November so didn't expect

> to get the Winter issue but should have recieved the Spring. Who do I
> contact to check on my renewal?
>
> Thanks and 73,
>
> --
> Steve Kubisch -WW7Y-
> 640 East 250 North
> Centerville, Utah 84014
> WW7Y@sisna.com
> QRP-ARCI #8559 NorCal #258 QRP-L #94
>
>
>
> ------------------------------
>
> Date: Thu, 8 Apr 1999 04:15:09 -0500
> From: "Charles Hamel" <cdhamel@pdq.net>
> To: "QRP List" <qrp-l@Lehigh.EDU>
> Subject: [39212] Power Supply!
> Message-ID: <005701be81a0$4f13ca00$f61990d1@cdhamel>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I'm getting ready for may new SWL40+ kit in the mail, and preparing the
> house for the new baby!!(The radio that is).
>
> I have a Rat Shack Micronta Regulated 12 volt Power supply
> rated at 13.8 VDC & 2.5A
>
> My question is this going to work FB with the SWL40+??
>
> Also I am getting a MFJ-971 ATU? I would welcome any comments on that item
> also!
>
> Reply to me personally!!   Thanks
>
> cdhamel@pdq.net
>
> Thanks & 73's
>
> Charles (KC5DXQ)
>
>

>
> ------------------------------
>
> Date: Thu, 29 Apr 1999 07:27:00 +1000
> From: "Ian C. Purdie" <purdic@integritynet.com.au>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39213] Radio and Electronics magazine
> Message-ID: <37277D24.A368E521@integritynet.com.au>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi Gang,
>
> Slightly off the QRP track but would anyone have back issues of the old
> Radio and Electronics
> magazine (called Electronics Now - now?). In particular issues for Feb
> 1983 to April 1983
> containing antenna articles by R.W. Burhans.
>
> I desperately need copies these articles. Reply direct rather than bore
> everyone to death.
>
> Thanks in advance.
>
>
> 73's
>
> Ian
>
>
>

> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> On Wed, 28 Apr 1999, Steve Kubisch wrote:
>
> > Is the spring quarterly out yet?
>
> Hi Steve,
>
> The QRP ARCI doesn't have a Spring Quarterly.
>
> 73, Ron,   SOWP 5545M,
>
> ....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
> ....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
> ....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 03:21:51 -0400
> From: Joseph Mikuckis <k3chp@erols.com>
> To: qrp-l@Lehigh.EDU
> Subject: [39215] Service Manual Help
> Message-ID: <3726B70F.64B7@erols.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Can someone give me a lead as to how and where I can obtain a service
> manual for Kenwood TS-430S?
>
> Thak you very much!
>
> Joe, K3CHP
> Riverdale, MD
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 14:56:27 -0700
> From: Bob Hightower <ki7mn@extremezone.com>
> To: qrp-l@lehigh.edu
> Subject: [39216] QTTF
> Message-ID: <199904282154.OAA29153@enterprise.extremezone.com>
> Mime-Version: 1.0

> Content-Type: text/plain; charset="us-ascii"
>
> Finally getting around to figuring out my score for QTTF. It isn't that
> great, but that wasn't the point of going, anyway.
>
> Brian W5VBO, his YL, my YL Bertie N7XJW and I went up just north of
> Payson,
> AZ at about 7700' to cool off and play radio. Got ther in plenty of time
> Friday to put up antennas, but the wind was so fierce that it kept blowing
> my 1/2 oz. sinker back to me after it left the slingshot. So, waited until
> dusk to get the G5RV upat about 50+ feet. Had the screwdriver on the
> motorhome for backup, so wasn't worried. And, it was cold. Made me think
> we
> had the wrong contest, maybe a second FYBO :^).
>
> Played around with the rig a bit, then hit the sack waiting for the test
> to
> start. Brian and I were so close together, we decided to alternate on the
> bands so as not to interfere with each other. This is supposed to be fun,
> right? Well, woke up to a cold, snowy morning with the wind blowing again,
> so opted to stay in the MH and work from there. The rig (TS-450 cranked
> down to 5 watts per the WM-2) wouldn't xmit. Opened it up and found that,
> at the connection to the center pin of the SO-239, only a bitty wire about
> 26 ga or so, had broken. Trashed the tool box trying to find something to
> fix it with, and only had a butane mini torch. Not good, that one.
>
> Brian managed to come up with a 12V iron, so I got it soldered in time to
> make the start.
>
> Managed 9 QSO's on 20, and 7 on 15, which surprised me. Actually, 15 gave
> me contacts on the East coast and Panama, while 20 was good for the
> shorter
> ones. Total score only 6720, but was happy to get Cam HP1AC and a few
> others on the list. First QSO was Jeff AC6KW, who I told I would be
> listening for him from the Santa Cruz mountains.
>
> All in all, great fun, very relaxing (once the rig was fixed), and I'd do
> it again, but without the snow, thank you. We all opted to drive down the
> hill into town to spend the night Saturday. Let's do it again.
> 72,73
> Bob Hightower KI7MN
>
> http://www.extremezone.com/~ki7mn
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 15:03:59 -0700
> From: "mail" <richqrp@home.com>

> To: <n7kt@earthlink.net>, "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Subject: [39217] Re: Chernobyl Virus and reformatting HD
> Message-ID:
> <00b001be91c3$04b0d2e0$f5460418@cx55215-a.elcjn1.sdca.home.com>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
>
> Hello to all.
>   Let me get this straight. If I would have just not turned my PC
> on,
> this date, I would not have got the virus??
>   You know, I have heard so many threats of viruses that I just thought
> that this was another hoax.
>   Thanks.... Rich / WD6FDD
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 16:06:14 -0500
> From: pierce@rice.edu (George F. Pierce)
> To: qrp-l@lehigh.edu
> Subject: [39218] Dayton Roomate
> Message-ID: <v0151010bb34c942439af@[128.42.176.176]>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> I need roomate at Days end South (Dayton) for fri/sat only. Non smoker.
> Otherwise I will let room go and crash with someone else. Any one out
> there
> that has a room and like me can only do fri/sat?
>
> Also still looking for ride from Columbus Friday afternoon.
>
> George F. Pierce III
> WA5ABS M0BOD
> Email: pierce@rice.edu
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 18:07:58 -0400
> From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

> To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
> Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
> Subject: [39219] WTB:Harvey Wells Bandmaster Tuner
> Message-ID: <199904281811_MC2-73BF-C44F@compuserve.com>
> MIME-Version: 1.0
> Content-Transfer-Encoding: 7bit
> Content-Type: text/plain; charset=us-ascii
> Content-Disposition: inline
> Content-Transfer-Encoding: 7bit
>
> Gang:
>
> This is a wild shot in dark, but does anyone have an old Harvey Wells
> Bandmaster tuner? Someone suggested that this unit would meet my need for
> a large commercial-grade z-match tuner.
>
> Will pay top dollar for one in good-to-excellent condition. Please let me
> know. Thanks :-).
>
> 72,
> --Doc Lindsey/K0EVZ
>   DSBF
>   PO BOX 7187
>   Bismarck, ND 58507
>   70511.3041@compuserve.com
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 21:16:42 +0000
> From: "Walter D. Amos" <waltk8cv@surfree.com>
> To: Peter_DL2FI@csi.com
> Cc: Qrp-l Reflector <qrp-l@lehigh.edu>
> Subject: [39220] Re: Which wire for the QRP-PA
> Message-ID: <37277ABA.30F91AEC@surfree.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Oh ..... happy dance , tippy tap, tippy tap! ..... my DL-QRP-PA
> NOW works as you said it should !!! ..... :-) Thanks for the post
> on tr-1, that was the fix, now get well over 5 watts!
>
> 72
> --
> Walt K8CV Royal Oak, Michigan, qrp-l # 935, Zombie # 188 !
> "We're just a small sub-group of an eclectic corner of a dying hobby!"
>

> ------------------------------
>
> Date: Wed, 28 Apr 1999 18:18:01 -0400
> From: Tom Palmer <n1tp@worldnet.att.net>
> To: elawson@lr.net
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39221] Re: National Parks QRP Contest - QRPpark?
> Message-ID: <37278919.99656B59@worldnet.att.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I, for one, would especially enjoy a QSO from
> the Gettysburg (Pa.) Battlefield.
>
> Tom, N1TP.
>
> Ed Lawson wrote:
>
> > On Wed, 28 Apr 1999 08:32:46 -0700 (PDT), Jeff wrote:
> > >
> > > >Sooo if I am gonna get whacked for proposing a
> > > >QRP contest of sorts. I hope those that whacked
> > > >me attack who ever proposed this also.
> > >
> > > What is the big deal, it was just a suggstion.
> > > Trying to expand the number of locations which
> > > can be used which in turn might increase the
> > > numbers who participate.
> > >
> > > I suspect if someone suggested a QRP
> > > contest with multipliers for operating on
> > > battlefields of the French and Indian War
> > > those in the West might suggest some alternatives.
> > >
> > > I am finding the amount and fun quotiant of QRP contest/events
> > > to be very high indeed and will participate every chance I get and
> > > am thankful for those who dream them up and organize them.
> > >
> > > But I don't think making a suggestion is whacking anyone.
> > > Trust me, if that was the intent, you would know it.
> > >
> > > Ed Lawson
>
>
> ------------------------------
>

> Date: Wed, 28 Apr 1999 17:44:02 +0000
> From: "Steven Weber" <kd1jv@moose.ncia.net>
> To: qrp-l@lehigh.edu
> Subject: [39222] 20W linear kit
> Message-ID: <199904282228.SAA25636@moose.ncia.net>
> MIME-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
> Content-Transfer-Encoding: 7BIT
>
> Hi Gang,
>
> I got a number of requests for more info on the 20 W linear. I'll do
> up some plans and if you'd like a copy, send me a green stamp to
> cover copying costs and return postage.
> (633 Champlain St, Berlin, NH 03570)
>
> I'm also willing to do up a parcial kit of the major componets, and
> looks like it would run $25.00 + postage. (This is NOT a newbie
> project, experianced builders only) Let me know if you'd be
> interested. (need at least 10, "got to have it" to make min order
> requirements)
>
> Although I built the linear for 20M, it also works well on 80 and 40,
> (1.5W in = 20W out) but has reduced gain on 15 and 10. (2W in=10W
> out)
>
> 72,
> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 18:31:29 -0400
> From: Richard Arland <k7sz@epix.net>
> To: Mike Czuhajewski <wa8mcq@erols.com>, qrp-l@lehigh.edu
> Subject: [39223] 1998 President's Award
> Message-ID: <37278C41.E10FC14F@epix.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I'd like to take this opportunity to personally thank Mike Czuhajewski,
> WA8MCQ, and all those associated with this award.
>
> Imagine my surprise to find this BEAUTIFUL (REAL wood) plaque in my
> mailbox this afternoon.

>
> Thanks and the very best to you all.
>
> 73 Rich K7SZ
>
> ------------------------------
>
> End of QRP-L Digest 1440
> ************************
> ------------------------------

Date: Wed, 28 Apr 1999 20:45:47 -0400
From: "McCloskey, Anthony" <AMcCloskey@mail.intracorp.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [39238] RE: QRP-L digest 1440
Message-ID: <67329D189FD6D011A52E00805F194EF484A9C1@tlp-exch.intracorp.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

tHi all:
Yesterday, I saw a number of messages concerning the use of radio building blocks. I think this a great idea. While not perfect, it would be great for determining if certain configurations would work. Emulation is ok but its nice to see something really work.

Tony McCloskey, WA3CAO

> -----Original Message-----
> From: qrp-l@Lehigh.EDU [SMTP:qrp-l@Lehigh.EDU]
> Sent: Wednesday, April 28, 1999 7:27 PM
> To: Low Power Amateur Radio Discussion
> Subject: QRP-L digest 1440
>
> QRP-L Digest 1440
>
> Topics covered in this issue include:
>
> 1) [39128] Re: Re.Funny ads
> by k5zty@juno.com
> 2) [39129] national parks etc.
> by crc <crc@io.com>
> 3) [39130] RE: DX Cluster
> by "Roger A. McCarty" <rmccarty@earthlink.net>
> 4) [39131] Re: [antenna question]
> by Roy Lincoln <wa4dou@usa.net>

>   5) [39132] Re: NORCAL KIT
>   by Jeff Johns <jeffj@scott.net>
>   6) [39133] Re: Wanted: RS12 sked with KH6 and KL7
>   by Jeff Johns <jeffj@scott.net>
>   7) [39134] next norcal kit...wish
>   by Mighty Mik <mitymik@hooked.net>
>   8) [39135] For sale
>   by "Doc" <doctor@mediaone.net>
>   9) [39136] Spring Bouqet
>   by Bruce Rattray <rattray@gpfn.sk.ca>
> 10) [39137] FS: Dentron Tuner
>   by "Richard Arland" <r_arland@hotmail.com>
> 11) [39138] Re: [39086] QST CD-ROMs: Who sells?
>   by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
> 12) [39139] Re: Re.Funny ads
>   by Pete Burbank <plburbank@kih.net>
> 13) [39140] Hellllllooooo.....
>   by Fred Lesnick <flesnick@tbaytel.net>
> 14) [39141] Worked All Truck Stops (Was: National Parks)
>   by Chris Trask <ctrask@primenet.com>
> 15) [39142] Re: TS-830S QRP
>   by "Kevin F. Glynn" <kfglynn@prodigy.net>
> 16) [39143] Re: National Parks QRP Contest - QRPpark
>   by "Kevin F. Glynn" <kfglynn@prodigy.net>
> 17) [39144] Re: Cherynobl VIrus Hits!
>   by J38AL@aol.com
> 18) [39145] Patch Boxes for keyers, headphones, and stuff
>   by Dave Redfearn <n4elm@texoma.net>
> 19) [39146] Re: Cherynobl VIrus Hits!
>   by Ron Keener <rkeener@realtime.net>
> 20) [39147] Spring Bouquet - Mayflower
>   by Ben Pooley <bpooley@bar.auracom.com>
> 21) [39148] Re: Patch Boxes for keyers, headphones, and stuff
>   by Bob Hightower <ki7mn@extremezone.com>
> 22) [39149] dl-qrp-pa ..... saga!
>   by "Walter D. Amos" <waltk8cv@surfree.com>
> 23) [39150] Regarding preregistration prize
>   by Mike Czuhajewski <wa8mcq@erols.com>
> 24) [39151] Chernobyl Virus and reformatting HD
>   by Roger Hightower <n7kt@earthlink.net>
> 25) [39152] AL7FS and AL7OK QRPTTF Photos
>   by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
> 26) [39153]
>   by Mohammad Rahman <mrahman@student.sg.umuc.edu>
> 27) [39154] Mistake in DL-QRP-PA manual
>   by "Peter Zenker" <Peter_DL2FI@csi.com>
> 28) [39155] Key
>   by "Francis Callahan" <colcal@srv.net>

> 29) [39156] QRP Quarterly
>   by jbhenson@zebra.net (James Bartley Henson III)
> 30) [39157] Re:
>   by Phil Rutledge <phil@graphent.com>
> 31) [39158] NorCal resister kit arrived
>   by "Toru Kato" <jg1rvn@inv.co.jp>
> 32) [39159] Baton Rouge Hamfest & QRP Forum
>   by sda <sda@bellsouth.net>
> 33) [39160] Re:
>   by "Mike Yetsko" <myetsko@insydesw.com>
> 34) [39161] Re: next norcal kit...wish
>   by Zack Lau <zlau@arrl.org>
> 35) [39162] Re: Worked All Truck Stops (Was: National Parks)
>   by Bruce Kizerian <kizerian@ced.utah.edu>
> 36) [39163]
>   by "Steven K. Anspach" <spach@ida.net>
> 37) [39164] tt aRGOSY 525
>   by Scott Howell <whowell@hq.nasa.gov>
> 38) [39165] Re: Worked All Truck Stops (Was: National Parks)
>   by Chris Trask <ctrask@primenet.com>
> 39) [39166] RE: National Parks QRP Contest - QRPpark?
>   by "Rattray, Bruce" <Rattray@siast.sk.ca>
> 40) [39167] QRPTTF Backpacking trip
>   by Jeff Grudin <grudin@pacific.vdbs.com>
> 41) [39168] Re: Chernobyl Virus and reformatting HD
>   by "J. W. (Dub) Thornton" <dub@oklahoma.net>
> 42) [39169] Re: National Parks QRP Contest - QRPpark?
>   by "Richard Brummer" <obvious@bestweb.net>
> 43) [39170] Sealed Lead Acid Batt. info
>   by Michael Maiorana <mikemo@ibm.net>
> 44) [39171] Paul - NA5N e-mail bouncing!
>   by jsm@intergate.bc.ca (Steve McDonald)
> 45) [39172] Propagation question
>   by Vic Rosenthal <rakefet@rakefet.com>
> 46) [39173] Re: TS-830S QRP
>   by "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
> 47) [39174] Re: QRP Quarterly
>   by Ron Stark <ku7y@dri.edu>
> 48) [39175] Kitchin's Comment--1 Transistor Regen
>   by Bruce Kizerian <kizerian@ced.utah.edu>
> 49) [39176] Re: TS-830S QRP
>   by Vic Rosenthal <rakefet@rakefet.com>
> 50) [39177] NC20 Sidetone Mod (semi-long)
>   by Larry East <w1hue@amsat.org>
> 51) [39178] Re: National Parks QRP Contest - QRPpark?
>   by Jeff <fantbb@yahoo.com>
> 52) [39179] Solar/Battery/Cranked AM/FM Radio for $19.99
>   by "Karty, Steven" <kartys@ncs.gov>

> 53) [39180] Re: National Parks QRP Contest - QRPpark?
>   by elawson@lr.net (Ed Lawson)
> 54) [39181] xtals wanted
>   by jim seeber <kw3u@warwick.net>
> 55) [39182] Antenna switch
>   by Chuck Leskie <cleskie@um-f1.umd.umich.edu>
> 56) [39183] Re: Re.sealed batteries
>   by Joseph Burgess <joew3pnl@netcarrier.com>
> 57) [39184] RE: Propagation question
>   by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
> 58) [39185] Which wire for the QRP-PA
>   by "Peter Zenker" <Peter_DL2FI@csi.com>
> 59) [39186] Portable/QRP ops - with Kenwood TS-520
>   by HWRM1SS@aol.com
> 60) [39187] Re: National Parks QRP Contest - QRPpark
>   by "Carl Zmola" <zmola@campbellsci.com>
> 61) [39188] Re: Antenna switch
>   by "Tom Hybiske" <hybiske@generalatronics.com>
> 62) [39189] NC-20 transmitter Offset
>   by "Mark Hogan" <mhogan@email.msn.com>
> 63) [39190] Re: QRP ARCI prize for HamCom
>   by W5TB <w5tb@SoftHome.net>
> 64) [39191] Re: Propagation question
>   by dor <elbc@pivot.net>
> 65) [39192] (Fwd) Re: Worked All Truck Stops (Was: National Parks)
>   by "Carl Zmola" <zmola@campbellsci.com>
> 66) [39193] Re: Propagation question
>   by Vic Rosenthal <rakefet@rakefet.com>
> 67) [39194] FS: Tentec Delta-580 QRP<100W + WARC
>   by Bill Cotter <bcotter@pop.uky.edu>
> 68) [39195] Re: Chernobyl Virus and reformatting HD
>   by "David F. Kurth" <dfk@col.hp.com>
> 69) [39196] Sorry for that last message
>   by Jeff Grudin <grudin@pacific.vdbs.com>
> 70) [39197] Some thoughts on Seminars and FDIM
>   by PDouglas12@aol.com
> 71) [39198] Radio Building Blocks
>   by Jim Glover <psykey@okcforum.org>
> 72) [39199] Re: Some thoughts on Seminars and FDIM
>   by Bruce Muscolino <w6toy@erols.com>
> 73) [39200] Re: Radio Building Blocks
>   by frussle@erols.com (Jake Brodsky)
> 74) [39201] Re: [HomeBrew] Radio Building Blocks
>   by "William Phinizy" <k6whp@gte.net>
> 75) [39202] Re: [HomeBrew] Radio Building Blocks
>   by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
> 76) [39203] Fw: April 28, 20m bow-k
>   by "Down" <adown@sprint.ca>

> 77) [39204] Re: Solar/Battery/Cranked AM/FM Radio for $19.99
>   by Jim <w7ls@blarg.net>
> 78) [39205] AR-QRP 40 m Net Tonight
>   by Robsparks@aol.com
> 79) [39206] MPX-MINI By Digitrex
>   by Don Lefrancois <wb1cdh@cwix.com>
> 80) [39207] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
>   by Roy Lincoln <wa4dou@usa.net>
> 81) [39208] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
>   by Jim <w7ls@blarg.net>
> 82) [39209] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
>   by Randy Randall <RANDALLR@Healthall.com>
> 83) [39210] Diode?
>   by ke3fl@juno.com
> 84) [39211] QRP-ARCI Spring Quarterly ??
>   by Steve Kubisch <WW7Y@sisna.com>
> 85) [39212] Power Supply!
>   by "Charles Hamel" <cdhamel@pdq.net>
> 86) [39213] Radio and Electronics magazine
>   by "Ian C. Purdie" <purdic@integritynet.com.au>
> 87) [39214] Re: QRP-ARCI Spring Quarterly ??
>   by Ron Stark <ku7y@dri.edu>
> 88) [39215] Service Manual Help
>   by Joseph Mikuckis <k3chp@erols.com>
> 89) [39216] QTTF
>   by Bob Hightower <ki7mn@extremezone.com>
> 90) [39217] Re: Chernobyl Virus and reformatting HD
>   by "mail" <richqrp@home.com>
> 91) [39218] Dayton Roomate
>   by pierce@rice.edu (George F. Pierce)
> 92) [39219] WTB:Harvey Wells Bandmaster Tuner
>   by "Wilford D. Lindsey" <70511.3041@compuserve.com>
> 93) [39220] Re: Which wire for the QRP-PA
>   by "Walter D. Amos" <waltk8cv@surfree.com>
> 94) [39221] Re: National Parks QRP Contest - QRPpark?
>   by Tom Palmer <n1tp@worldnet.att.net>
> 95) [39222] 20W linear kit
>   by "Steven Weber" <kd1jv@moose.ncia.net>
> 96) [39223] 1998 President's Award
>   by Richard Arland <k7sz@epix.net>
>
> --
>
> Date: Mon, 26 Apr 1999 18:52:54 -0500
> From: k5zty@juno.com
> To: plburbank@kih.net
> Cc: qrp-l@Lehigh.EDU
> Subject: [39128] Re: Re.Funny ads

> Message-ID: <19990427.181729.6686.1.k5zty@juno.com>
>
> Be careful that you don't turn this list into a joke bulletin board.
>
> Bill, K5ZTY
>
> _____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 18:18:38 -0500
> From: crc <crc@io.com>
> To: QRPL <QRP-L@Lehigh.EDU>
> Subject: [39129] national parks etc.
> Message-ID: <372645CE.898FA4E2@io.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> How about just operate from the park,period. "QRP from the Park"
> I expect those that operate from a more exposed park will draw some
> interested onlookers and maybe a recruit or two. Maybe an extra bonus
> for any one bringing in a newbie during the contest.
> Charlie WA5KRF
> Austin, Tejas
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 16:30:01 -0700
> From: "Roger A. McCarty" <rmccarty@earthlink.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39130] RE: DX Cluster
> Message-ID: <000401be9105$df34dc40$0100000a@accurate-main>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Thank you to everyone who responded with a referral. I have
> what I need, thanks once again to some of the finest
> individuals in the internet.
>

> 72
>
> Roger KD6CC
>
> -----Original Message-----
> From: Nathan Gordon [mailto:nathang@bigfoot.com]
> Sent: Tuesday, April 27, 1999 8:35 AM
> To: rmccarty@earthlink.net
> Subject: Re: DX Cluster
>
>
> Try this out. It is telnet, but works fine for me.
>
> http://www.cpcug.org/user/wfeidt/Misc/cluster.html
>
> 73,
> Nathan KF9LI
>
> ----- Original Message -----
> From: Roger A. McCarty <rmccarty@earthlink.net>
> To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
> Sent: Tuesday, April 27, 1999 10:19 AM
> Subject: DX Cluster
>
>
> Please Pardon the off topic intrusion. Don't know where else
> to ask.
>
> Is there an on-Line DX Cluster URL available?
>
> Thanks
>
> Roger A. McCarty ARS KD6CC So. Calif.
> http://www.qsl.net/kd6cc
> http://www.qsl.net/kr6lp
> Qrp-L #1555 KR6LP #1
>
>
>
>
>
>
> ------------------------------
>
> Date: 27 Apr 99 18:47:40 EDT
> From: Roy Lincoln <wa4dou@usa.net>
> To: JGold@tntech.edu, Low Power Amateur Radio Discussion
> <qrp-l@Lehigh.EDU>

> Subject: [39131] Re: [antenna question]
> Message-ID: <19990427224741.7372.qmail@nw176.netaddress.usa.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=US-ASCII
> Content-Transfer-Encoding: quoted-printable
> Content-Transfer-Encoding: quoted-printable
>
> Hi Jeff and Gang,
>   I don't know anything personally about the antenna you inquired about. =
> I've
> read that it is very tedious and critical to tune and i know that the
> dimensions of it can't produce much gain on 20 and 15 meters.
>   Mosley has a new antenna called the Mini 33 that they claim about 3 dbd=
> of
> gain for 20 meters and 3.8 or something like that for 15. For 10 the clai=
> m is
> 4.5 dbd. It has a 6 ft. boom and is 3 elements and the longest element is=
>
> around 16 ft. I think its priced a little over $300 and they sell factory=
>
> direct only ,i think. =
>
>   If i were in the market for a commercial antenna in the league you
> described, i think i would definitely check that one out.
>   Good luck and 73 Roy Lincoln WA4DOU =
>
>   p.s. Its the night before "closing" on a house, for me. Hopefully tomor=
> row i
> will be getting started with a new "antenna farm" on "my very own land!!!=
> " =
>
> :o)   =
>   =
>
>   =
>
> ---=
> ---=
> --
>   Je=
> ff
> Gold <JGold@tntech.edu> wrote:
> Anyone know anything about the Butternut HF5B small beam?
>
> thanks
> 72
> Jeff, AC4HF
>

>
> ____
> Get free e-mail and a permanent address at
> http://www.netaddress.com/?N=3D=
> 1
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 18:23:35 -0500 (CDT)
> From: Jeff Johns <jeffj@scott.net>
> To: qrp-l@lehigh.edu
> Subject: [39132] Re: NORCAL KIT
> Message-ID: <199904272334.SAA13437x@scott.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=iso-8859-1
> Content-Transfer-Encoding: 8bit
> Content-Transfer-Encoding: 8bit
>
> On 04-25 07:44am CDT, the following was written:
>
> > I'll second that. I too am looking for one. By this time next month I
> should
> > have passed the cw exam and will be ready to take to the woods! I
> already
> > have the base set up.   :o)
>
> I actually used my Rainbow the other night for the first time in an
> outdoor
> setting. I didn't make any contacts, but I have proven to myself that I
> can
> be stealthy and portable. I have a 1/2 wavelength longwire and a
> counterpoise hidden in my favorite hiding spot for those long dull night
> while on patrol. I'm hoping to get some use out of it this summer with my
> SW40+.
>
> 73 Jeff W4JEF
>
>
>   *--------- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 ----------*
> |jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
> | Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
> |200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
>   *---*
>
> Goin' Postal - HP 100/200LX (v3.04beta) REGISTERED
>
> ------------------------------
>

> Date: Tue, 27 Apr 1999 18:28:13 -0500 (CDT)
> From: Jeff Johns <jeffj@scott.net>
> To: qrp-l@lehigh.edu
> Subject: [39133] Re: Wanted: RS12 sked with KH6 and KL7
> Message-ID: <199904272335.SAA13637x@scott.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=iso-8859-1
> Content-Transfer-Encoding: 8bit
> Content-Transfer-Encoding: 8bit
>
> On 04-27 09:06am CDT, the following was written:
>
> > Anyone out there willing to try a sked on RS12 for KH6 and KL7? I am
> slowly
> > working on my WAS on the bird, QRP of course.
>
> Good luck Bob! I almost have WAS via AO-27, an HT and a whip antenna <g>.
>
> 73 Jeff W4JEF
>
>
>   *--------- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 ----------*
> |jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
> | Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
> |200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
>   *---*
>
> Goin' Postal - HP 100/200LX (v3.04beta) REGISTERED
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 16:46:14 -0700
> From: Mighty Mik <mitymik@hooked.net>
> To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
> Subject: [39134] next norcal kit...wish
> Message-ID: <37264C48.1A6FC80C@hooked.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854";
> x-mac-creator="4D4F5353"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
>
> >Hi all
> >Yje tiner sounds like a good idea. But how about a qrp 6M ssb xcvr ala
>
> >the MFJ 9406?
>

> >Bob
>
> YUCK! from what i've read , the 9406 will get you on, but if you get
> the oppertunity to get anything else, do it.
>
> that being said..i'd like to put in my $.02 for a 6 meter rig of some
> kind...since the sunspot peak is right around the corner. A SSB rig
> would be fun, and i'm under the impression that anything will out
> perform a 9406. as soon as i stock up on parts, i'm going to attempt a
> 6M cw rig. Think of it...as a portable, you only need 59" or so for a
> 1/4 wave antenna. This may present some construction challenges...bring
> 'em on. One of the reasons i build kits is to learn...and VHF technique
> is one of those i want to learn.
>
> the only other 6M SSB rig kit i know of is the one offered by Sheldon
> Hands. It's about $350 with the case...and he is working on a single
> board unit. Why should the guys across the pond have all the fun?
>
> and here's some stuff i DON'T see...The 6 Meter Handbook, The 6 Meter
> Notebook, or the 6 Meter Companion. What i have is "Six Meters A Guide
> To The Magic Band" by Ken Neubeck, WB2AMU.
>
> the last time this idea came up...there was some support for it. *I*
> don't have the expertise to pull it off, so who here does?
> --
> @@
> 72/73 de Mick, WD8MNV/6   QRP-L #1673   QRP-C #118   ZOMBIE #441
> NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
> Aeropac #111   Tripoli #3071   Level 2
>
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 20:07:20 -0500
> From: "Doc" <doctor@mediaone.net>
> To: "QRP List" <qrp-l@Lehigh.EDU>
> Subject: [39135] For sale
> Message-ID: <004101be9113$773c9de0$95c68018@DEFAULT01>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi folks,
>
> For sale

> =======
> MFJ-864 SWR/Wattmeter
> HF-VHF-UHF, 30W-300W ranges, cross-hair needles
>
> Like new, with box and manuals, asking $50
>
> Here is a web page with pictures and specs:
> http://www.mfjenterprises.com/watt/mfj864.html
>
> Mark WB1W
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 18:14:26 -0600 (CST)
> From: Bruce Rattray <rattray@gpfn.sk.ca>
> To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada
> <qrp-canada@lists.gpfn.sk.ca>
> Subject: [39136] Spring Bouqet
> Message-ID: <Pine.LNX.3.95.990427181233.13185A-100000@neale.gpfn.sk.ca>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> Just worked Fred, VE3FAL, 7.115, 0004Z. 559, qsb....don't hear Ben, VE1AHX
> yet....good luck to all!
>
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
>   A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
>   Amateur Radio Stamp Collector   "QRP! How sweet it is!"
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 00:14:42 GMT
> From: "Richard Arland" <r_arland@hotmail.com>
> To: qrp-l@lehigh.edu
> Subject: [39137] FS: Dentron Tuner
> Message-ID: <19990428001442.50461.qmail@hotmail.com>
> Mime-Version: 1.0
> Content-type: text/plain
>
> Reducing the size of my shack.
>
> The Dentron MT-3000A is a 3KW antenna tuner that I have used for
> QRP for the last several years. It has dual FWD/REF wattmeters
> and reads 0-200 and 0-2000 watts (selectable). Two HUGE caps and
> an extremely healthy tapped inductor allow a wide range of impedance
> matches. I kept this tuner specifically to load my 40 meter EDZ on

> 160 meters (something the LDG QRP Autotuner can't do).
>
> The tuner also features a multiposition antenna switch, 4:1 internal
> balun for handling open wire or twin feedlines, built in dummy load
> and is built like a tank. The antenna switch features 3 coaxial line
> inputs along with open/twin feeders, selectable from the front pane.
>
> I have the tuner in good condition, the manuals and will ship for
> $175.
>
> Private e-mail only, please.
>
> 73 Rich K7SZ
>
>
>
> ____
> Get Free Email and Do More On The Web. Visit http://www.msn.com
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 17:26:12 -0700 (PDT)
> From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
> To: alihernlem@hotmail.com
> Cc: qrp-l@lehigh.edu
> Subject: [39138] Re: [39086] QST CD-ROMs: Who sells?
> Message-ID: <199904280026.RAA14435@netcom15.netcom.com>
>
> Check out JWO, http://www.jwoservices.com/
> Great supplier of books, etc.
> 73, doug
>
>   Date: Tue, 27 Apr 1999 08:53:21 PDT
>   From: "Brad Hernlem" <alihernlem@hotmail.com>
>
>   Are the QST CD-ROMs distributed through any sources other than the
>   ARRL?
>
>   Thanks
>
>   Brad
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 20:33:43 -0400
> From: Pete Burbank <plburbank@kih.net>
> To: <qrp-l@Lehigh.EDU>
> Subject: [39139] Re: Re.Funny ads

> Message-ID: <3.0.32.19990427203338.006ea368@kih.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
>
> >Be careful that you don't turn this list into a joke bulletin board.
> >
> >Bill, K5ZTY
> ____
>
> Dear Bill,
> Sri if I offended any one. Just thought that we as a nation could
> use a bit of levity what with all the tragic things going on.
>
> I was merely commmenting on the message about ads sent by mistake
> and I got a good chuckle out of it.
> 73 Pete NV4V
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 20:45:58 -0400
> From: Fred Lesnick <flesnick@tbaytel.net>
> To: "qrp-canada@lists.gpfn.sk.ca" <qrp-canada@lists.gpfn.sk.ca>, qrp-l
> <qrp-l@Lehigh.EDU>
> Subject: [39140] Hellllllooooo.....
> Message-ID: <37265A45.CEA86E8C@tbaytel.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Have I become a victim of the ETHER Zone,I am calling and no one is
> answering,it is 00:45 z,is anyone out there.....????
> Fred VE3FAL
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 17:48:11 -0700 (MST)
> From: Chris Trask <ctrask@primenet.com>
> To: crc <crc@io.com>
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39141] Worked All Truck Stops (Was: National Parks)
> Message-ID: <Pine.BSI.3.96.990427174608.18783B-100000@usr04.primenet.com>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> On Tue, 27 Apr 1999, crc wrote:

>
> >
> > How about just operate from the park,period. "QRP from the Park"
> >
>   How about a "Worked All Truck Stops in XX"? :{)
>
>   Just kidding. Maybe.
>
> Chris
>
>
>   ,----------------------.   Circuit Design for the
>   /   What's all this   \   RF Impaired
>   / extinct stuff, anyhow? /
>   \ _______,--------------'   Chris Trask / N7ZWY
>   _ |/   Principal Engineer
> oo\   ATG Design Services
> (__)\   _   P.O. Box 25240
>   \ \   .' `.   Tempe, Arizona 85285-5240
>   \ \ /   \
>   \ '"   \   Technical Editor,
>   .   ( ) \   QRP Quarterly
>   '-|)__| :. \   QRP ARCI 9464
> | | | | \ '.
>   c__; c__; '-..'>.__   Email: ctrask@primenet.com
>   http://www.primenet.com/~ctrask
>
>   Graphics by Loek Frederiks
>
>
>
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:33:07 -0400
> From: "Kevin F. Glynn" <kfglynn@prodigy.net>
> To: "QRP-L" <qrp-l@lehigh.edu>
> Subject: [39142] Re: TS-830S QRP
> Message-ID: <199904280133.VAA219266@vm4-ext.prodigy.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I run my TS-520SE at 5 watts and under often. Haven't seen any
> consequences (I guess until I hexed myself!), but will let you know if I
> do. Original finals BTW.

>
> 72 Kevin N2TO
> Brooklyn, NYC
> kfglynn@prodigy.net
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:45:35 -0400
> From: "Kevin F. Glynn" <kfglynn@prodigy.net>
> To: "QRP-L" <qrp-l@lehigh.edu>
> Subject: [39143] Re: National Parks QRP Contest - QRPpark
> Message-ID: <199904280145.VAA236712@vm4-ext.prodigy.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi gang,
>
> Great idea for a contest. I'd like to operate from Federal Hall in
> Manhattan at the corner of Wall and Broad Street. Or maybe from the
> Statue
> of Liberty. Wonder what I'd need to do something like that? I guess I can
> dream.
>
> My friend Tony WW2W had the idea to operate from the gravesite of Samuel
> Morse at Greenwood Cemetary in Brooklyn. Not a National Park, but would
> be
> pretty eerie putting up an inverted-vee in that place... without getting
> bounced out!
>
> I always wanted to operate from Central Park (during the day). Would that
> count for something? I checked it out on a topographical map and it's at
> a
> high point and those trees must run at least 60-70 feet.
>
> 72 Kevin N2TO
> Brooklyn, NYC
> kfglynn@prodigy.net
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:37:34 EDT
> From: J38AL@aol.com
> To: wb2vuo@juno.com
> Cc: qrp-l@lehigh.edu
> Subject: [39144] Re: Cherynobl VIrus Hits!
> Message-ID: <d7e66250.2457c05e@aol.com>

> MIME-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Keith and others,
>
> Got me too - never saw it comming. $135 dollars out of my pocket for a new
>
> drive. Now to find the time to TRY to change it. I'm not very computer
> minded. You said
> you reformated the drives - can I do this to mine or should I just replace
>
> it?? How did we get it?? Glad my xyl has a computer too :-)
>
> 72 Al N2ZHS
> Scotia, NY
>
>
> In a message dated 4/27/99 3:39:57 PM Eastern Daylight Time,
> wb2vuo@juno.com
> writes:
>
> << Well, I just got done reformatting both drives in this computer.
> Norton
> Anti-Virus never even saw the CHerynobl Virus, and when I started up the
> comp yesterday, both drives got trashed. The Win95 Startup disk got me
> into an A:\ prompt and FDISK told me that both drives only had Non-DOS
> partitions. It was all downhill from there.
>
> A nasty lesson, and I have a new Zip drive on order so I can do a better
> job on backups.
>
> I lost everything from QRP-L, all the addresses and all. If I don't
> reply to anyones post to me, please send it again.
>
> 72/73, Keith, WB2VUO
>   >>
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:09:46 -0500
> From: Dave Redfearn <n4elm@texoma.net>
> To: qrp-l@lehigh.edu
> Subject: [39145] Patch Boxes for keyers, headphones, and stuff
> Message-ID: <37266DEA.9A7274FC@texoma.net>
> MIME-Version: 1.0

> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi Gang,
>
> It is interesting to since similar ideas pop up
> from different places at the same time.
>
> For the last couple of months, I've been "planning" on building
> a box to extend the HF rig's keyer and headphone connections.
> I've already made an initial schematic, collected connectors, and
> dug up a box.
>
> The idea for the box has been knocking around for a while but really
> came into focus last Field Day after seeing a IC-706 with a stack of
> adaptors and double phone connectors hanging out of the little phone
> jack on the front and then not being able to find an adaptor to plug in
> my paddles on the back. (every CW op brings their own paddles to FD,
> right?)
>
> The basic idea is to have a box with several different sizes of phone
> connectors
> so that 3 or 4 headphones or speakers could be used at the same time.
> For FD, I figure
> on at least an operator and a logger on phones, and a speaker for the
> mingling masses.
>
> Additionally on the rear of the box, I'm going to add several different
> sizes of
> jacks for paddles, and a row of RCA jacks wired together to allow
> multiple keyers
> and bugs to be connected.
>
> I guess I better go ahead and get it built, one before Field Day gets
> here, and two before someone here on the list beats me to it :-)
>
> 73 - Dave
> ==
> Dave Redfearn, ARS N4ELM, McKinney, TX
> Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)
> QRL? de N4ELM/qrp
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:20:29 -0500
> From: Ron Keener <rkeener@realtime.net>
> To: J38AL@aol.com

> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39146] Re: Cherynobl VIrus Hits!
> Message-ID: <3726706D.4F4D@realtime.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> you have to do a low level reformat of the drive - takes special
> software to do that
>
> the drive is not physically destroyed - it just doesnt have the software
> information it needs to find things on the drive
>
> --
>
>   ron keener near Austin, Texas   http://www.realtime.com/~rkeener
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 23:28:32 -0300
> From: Ben Pooley <bpooley@bar.auracom.com>
> To: qrp-canada@lists.gpfn.sk.ca
> Cc: qrp-l@lehigh.edu
> Subject: [39147] Spring Bouquet - Mayflower
> Message-ID: <3.0.6.32.19990427232832.007aea30@bar.auracom.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Gang;
>
> VE1AHX "Spring Bouquet" log Apr 28 0000-0200Z 7MHz
>
> 0018Z NA3V Jim, PA, sent 459 rcvd 559
> 0048   K3NLT Russ, PA, sent 599 rcvd 459 100W
> 0100   N3YSI Paul, PA, sent 569 rcvd 559 5W
>
> Sorry about the poor score here, but it was good to renew a
> couple of Atlanticon acquaintances. Broadcast stns were
> pulverizing the old HW8 when I moved up to 7115, so I looked
> back at 7040(+) and found that the metal grinder had started
> up. What IS that thing that roars and warbles around 7040?
>
> Will be trying 21060 on April 30, 2100-2300z.
>
> 72, Ben VE1AHX
>
> Ben Pooley VE1AHX   RR1 Lockeport NS Canada

> RAC   QCWA   QRP-C   QRP-L
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 19:50:51 -0700
> From: Bob Hightower <ki7mn@extremezone.com>
> To: n4elm@texoma.net
> Cc: qrp-l@lehigh.edu
> Subject: [39148] Re: Patch Boxes for keyers, headphones, and stuff
> Message-ID: <199904280247.TAA18400@enterprise.extremezone.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> At 09:09 PM 4/27/99 -0500, you wrote:
> >Hi Gang,
> >
> >It is interesting to since similar ideas pop up
> >from different places at the same time.
> >
> >For the last couple of months, I've been "planning" on building
> >a box to extend the HF rig's keyer and headphone connections.
> >I've already made an initial schematic, collected connectors, and
> >dug up a box.
>
> I did this some time back, for switching between four rigs (headset and
> key/paddles only). Worked well, but is now gathering dust. Might resurrect
> it just for kicks. I used mini jacks on the back panel, two rows of four,
> top for headphones, bottom for keys. Then installed two 1/4" jacks on the
> front, with two separate switches in front, so I could switch and monitor
> for activity while still staying on the 'hot' band with the paddles.
>
> Picked the box up at Circuit Specialists (local store), and it's about 4"
> wide, 1 1/2" high and 3 1/2" deep.
>
>
> Building is a snap, and well worth the time to do.
> 72,73
> Bob Hightower KI7MN
>
> http://www.extremezone.com/~ki7mn
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 02:11:01 +0000
> From: "Walter D. Amos" <waltk8cv@surfree.com>
> To: Qrp-l Reflector <qrp-l@lehigh.edu>
> Subject: [39149] dl-qrp-pa .... saga!
> Message-ID: <37266E35.72ECC04E@surfree.com>

> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Qrpl'ers ....
>
> Well, the installation of the original PA (2n3553) to get more drive was
> a BAD idea! It caused all kinds of chirp, frequency shift and hash!
> Looks good on my scope but sounds terrible on the air. So back to just
> the two driver stages and low output again. Most bands the power is
> doubled at least and that is one S unit. Getting more is beyond my
> capabilities. I did learn you can't count on power out reading with a
> watt meter and that you DO need a large power cable when drawing around
> 2 amps .... :-)
>
> --
> Walt K8CV Royal Oak, Michigan, qrp-l # 935, Zombie # 188 !
> "We're just a small sub-group of an eclectic corner of a dying hobby!"
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 00:09:31 -0400
> From: Mike Czuhajewski <wa8mcq@erols.com>
> To: QRP forum <qrp-l@lehigh.edu>
> Cc: Doug Hendricks <ki6ds@dpol.k12.ca.us>
> Subject: [39150] Regarding preregistration prize
> Message-ID: <372689FB.42F7@erols.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Doug, thanks for clearing things up. I hadn't thought about it that way,
> as a very useful tool for getting a good idea of how many people will
> attend. (And that's very important to know.) I'll keep that tool in the
> back of my mind for possible future use.
>
> And I'm really glad to see this being done at HamCom now, in addition to
> all the QRP goings-on at Dayton, Pacificon, Atlanticon. It's really
> great to see these things popping up at several places across the
> country. I know that trip across the country from the Left Coast to
> Dayton is quite an undertaking; certainly a lot more enjoyable to hop in
> the car and drive a few hours to Pacificon. And I certainly enjoyed the
> 35 mile drive to Atlanticon a lot more than 500 miles to Dayton :-) (And
> I know a lot of people drive much farther.) I really appreciated the NJ
> QRP folks doing that one. (Even if I did have to leave for several hours

> due to a work related emergency.)
>
> My thanks to all those who put on these QRP shows everywhere; it's a lot
> of work, but a really great service to the entire QRP community, and
> everyone loves them. Its most certainly an idea whose time has come.
> Having been to the QRP shows at Pacificon and Atlanticon, I'd highly
> recommend HamCom--you won't regret it!
> --
> 73 and Queue Our Pea de WA8MCQ   wa8mcq@erols.com
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:11:21 -0700
> From: Roger Hightower <n7kt@earthlink.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39151] Chernobyl Virus and reformatting HD
> Message-ID: <37268A69.2829C62C@earthlink.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Any time you get advance notice of a possible date-triggered virus, try
> changing the date on your computer a day in advance. On Sunday the 25th
> I reset my machine to the 27th, then on the _real_ 27th, reset the date.
> Just in case. Your computer doesn't care what the date is, unless you
> have some programs that date-stamp the output.
>
> If you did get stricken, and don't have the means to do a low-level
> format, take the HD (or the whole processor box) to a good computer shop
> and ask them to do it. The cost will be reasonable, and most small
> shops will be glad to do that. It sure beats springing for a new drive.
>
> As far as anti-virus programs, they aren't any good unless you
> constantly update them. Like at least every two weeks.
>
> Idiots who put these viruses out should be locked up for a long while.
> --
> 72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ
> n7kt@earthlink.net   n7kt@arrl.net   6023155988@mobile.att.net
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 21:24:00 -0800
> From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
> To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
> Subject: [39152] AL7FS and AL7OK QRPTTF Photos
> Message-ID: <37269B70.B332E8CA@pobox.alaska.net>

> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I have added a short page with three photos of our effort at Palmer
> Alaska for QRPTTF. One shot of me, one of John and one of the SW20+
> rig.
>
> Enjoy.
>
> --
> 73, Jim, AL7FS
> http://www.qsl.net/al7fs/
> mailto:al7fs@qsl.net
> Anchorage, Alaska
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 10:31:36 +0200 (CEST)
> From: Mohammad Rahman <mrahman@student.sg.umuc.edu>
> To: qrp-l@Lehigh.EDU
> Message-ID: <Pine.LNX.4.04.9904281025140.21323-100000@student.sg.umuc.edu>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> Getting music on line is very exciting though sometime it is realated to
> privacy and encryption problem of the credit card. We can also download
> music files from the web. It does not cost us except disk's spce. What do
> you think? What is the better way of getting music on-line?- downloading
> or credit card.
>
> University of Maryland UC
> Universitatspark
> 73525 Schwabisch Gmund
> Germany
> E-mail: mrahman@student.sg.umuc.edu
>
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 13:55:44 +0200
> From: "Peter Zenker" <Peter_DL2FI@csi.com>
> To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
> Cc: "'Funkamateur Red. via internet mail'" <101672.1203@compuserve.com>
> Subject: [39154] Mistake in DL-QRP-PA manual
> Message-ID: <000201be90a4$ef6eb9c0$13a39ec1@zenkerpn>

> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hello gang,
>
> Some off you sent me mails reporting problems with their DL-QRP-PA (some
> call it SIERRA PA / FUNKAMATEUR PA). Allthough this is a FUNKAMATEUR
> oroduct
> now, I feel responsible as the Chairman of DL-QRP-AG and so I checked the
> english manual in detail today
>
> I found a BAD mistake.
>
> The transformer Tr1 has to be a 4 to 1 Transformer. That means 4 windings
> primary, 2 windings secondary. The description in the QRP Report how to
> wind
> the transformer is ok, but the translation is absolute confusing.
>
> As I described in a former posting here the correction how to wind
> transformer Tr1:
>
> start with the upper hole,LEFT side, this end is number 1
>   left to right = 1/2 turn
>   back through the lower hole = 1 turn
>   left to right through the upper hole = 1,5 turns
>   back through the lower hole = 2 turns
>
> hold on with this wire, it will be completed later, mark the left side of
> the core to see later where the primary side is!
>
> take the second wire.
> start in the UPPER corner, right side, this end is number 3
>   right to left= 1/2 turn
>   back through the lower hole = 1 turn
>   right to left through the upper hole = 1 1/2 turns
>   back through the lower hole = 2 turns, this end is number 4
>
> now complete the first wire:
>   left to right through the upper hole=2 1/2 turns
>   back through the lower hole = 3 turns
>   left to right through the upper hole = 3 1/2 turns
>   back through the lower hole = 4 turns, this gives us wire number 2
>
> Thats it.
>

> If you now put the core onto the pcb, the marked side showing to left side
> of pcb, you you have the primary 4 turns left and the secondary 2 right.
> soldernumber 3 and 4 without the crossing showed in the manual, its no
> longer valid.
>
> The description of the transformer TR2 is ok, but again the drawing
> (figure
> 5) could misslead you.
> If you have wound the transformer following the description in the manual,
> the primary wires 5, 6 7a and 7b are in the correct position. Compared to
> the layout secondary number 9 also is ok, but number 8 is on the wrong
> side. But because it is the ground wire, you can solder it to the ground
> pad
> next to ST4 (left side of C8)
>
> Please check out if you have wound correct both transformers if you cannot
> get moree the 5 Watt for 350 mV drive. ALL the PAs we built within the
> club
> project where running up to 9 or 10 watt!
>
> Sory for the inconvienience
>
> Peter, DL2FI
>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 04:02:40 -0700
> From: "Francis Callahan" <colcal@srv.net>
> To: <QRP-L@lehigh.edu>
> Subject: [39155] Key
> Message-ID: <199904281001.EAA06656@srv.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I spotted a ad in Nuts and Volts by Ocean State Electronics for a delux
> code key for $16.95 witha brass base. Also a QRP 2 tube regren reciever
> and a 2 tube xmitter with 3 bands on it Reciever kidt is $119.95 and the x
> mitter kit is $109.95 usual disclaimer 72 Cal KF7ET
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 06:02:12 -0500

> From: jbhenson@zebra.net (James Bartley Henson III)
> To: qrp-l@lehigh.edu
> Subject: [39156] QRP Quarterly
> Message-ID: <3726EAB4.5BE5@zebra.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Has the latest issue of QRP Quarterly been received by anyone? The last
> I got was Jan 99 copy. An off-line answer would be appreciated.
>
> 72
> jay
> N4XDW
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:43:22 -0400
> From: Phil Rutledge <phil@graphent.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39157] Re:
> Message-ID: <4.1.19990428074249.009494d0@pop.graphent.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Who cares??
>
>
> At 10:31 AM 4/28/99 +0200, Mohammad Rahman wrote:
> >Getting music on line is very exciting though sometime it is realated to
> >privacy and encryption problem of the credit card. We can also download
> >music files from the web. It does not cost us except disk's spce. What do
> >you think? What is the better way of getting music on-line?- downloading
> >or credit card.
> >
> >University of Maryland UC
> >Universitatspark
> >73525 Schwabisch Gmund
> >Germany
> >E-mail: mrahman@student.sg.umuc.edu
> >
> >
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 21:00:05 +0900

> From: "Toru Kato" <jg1rvn@inv.co.jp>
> To: "QRP-L" <qrp-l@lehigh.edu>
> Subject: [39158] NorCal resister kit arrived
> Message-ID: <199904281203.VAA20350@inv.co.jp>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hai all !   de JG1RVN Toru in Tokyo
>
> I received NorCal resister kit today. I found it is very nice and
> useful indeed.
>
> Also I orderd NorCal capacitor kit.
> Today a very few store stock C0G or NP0 capacitor here in Japan.
> Even in Akihabara, it is very hard to find C0G or NP0 capacitor recently.
> C0G or NP0 capacitor is very useful for VFO or VXO circuit.
> I am looking forward to receive the capacitor kit too.
>
> Thank you very very much, NorCal !
> ------------------------------
> JG1RVN Toru Kato
> jg1rvn@inv.co.jp
> ------------------------------
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:03:37 -0500
> From: sda <sda@bellsouth.net>
> To: qrp-l@Lehigh.EDU
> Subject: [39159] Baton Rouge Hamfest & QRP Forum
> Message-ID: <199904281203.IAA13314@mail1.lig.bellsouth.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> QRP Crew:
>
> The Baton Rouge, Louisiana Hamfest and Computer Show
> sponsored by the Baton Rouge Amateur Radio Service Club
> (http://www.brarc.org) will take place this coming
> Friday April 30th and Saturday May 1 at The Great Hall
> of the Bellmont Hotel at 7370 Airline Highway.
>
> Jim Giammanco N5IB, Mike Gusky K5UX, and myself K4MSW
> will be presenting a QRP Forum on Saturday at 9:30am.
> Will have lots of rigs to show/demo, including Mike's
> Elecraft K2, and Jim's award winning 30M Herring Aid

> and matching 38 special. We will also be giving away
> a 38 special kit as a door prize.
>
> Hope to see a few of you there. See BRARC web page
> for more details: http://www.brarc.org/hamfest.htm
>
> 72/3,
>
> Todd Atkins, K4MSW
> Baton Rouge, Louisiana
> http://www.qsl.net/k4msw
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:04:12 -0400
> From: "Mike Yetsko" <myetsko@insydesw.com>
> To: <mrahman@student.sg.umuc.edu>, "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Subject: [39160] Re:
> Message-ID: <004b01be916f$3c0042c0$9001a8c0@mikey>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I hope this was a mis-post and not a precursor of things to come...
>
> Mike Yetsko
> N1DVJ
>
> -----Original Message-----
> From: Mohammad Rahman <mrahman@student.sg.umuc.edu>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: Wednesday, April 28, 1999 4:34 AM
>
>
> >Getting music on line is very exciting though sometime it is realated
> to
> >privacy and encryption problem of the credit card. We can also download
> >music files from the web. It does not cost us except disk's spce. What
> do
> >you think? What is the better way of getting music on-line?-
> downloading
> >or credit card.
> >

> >University of Maryland UC
> >Universitatspark
> >73525 Schwabisch Gmund
> >Germany
> >E-mail: mrahman@student.sg.umuc.edu
> >
> >
> >
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:32:18 -0400
> From: Zack Lau <zlau@arrl.org>
> To: qrp-l@lehigh.edu
> Subject: [39161] Re: next norcal kit...wish
> Message-ID: <3726FFD2.AF81C26F@arrl.org>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> 6M RF circuits can be found on pp 2-27 to 2-33
> of QRP power.
>
> BTW, the ID for L1 and L2 of Fig 4 is 1/2 inch.
>
> Zack W1VT
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 06:46:55 -0600
> From: Bruce Kizerian <kizerian@ced.utah.edu>
> To: ctrask@primenet.com, qrp-l@Lehigh.EDU
> Subject: [39162] Re: Worked All Truck Stops (Was: National Parks)
> Message-ID: <3727033F.DA20B22E@ced.utah.edu>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Chris
>
> Don't you need an 11 meter rig for that?
>
> Bruce kk7zz
>

> Chris Trask wrote:
>
> > On Tue, 27 Apr 1999, crc wrote:
> >
> > >
> > > How about just operate from the park,period. "QRP from the Park"
> > >
> >   How about a "Worked All Truck Stops in XX"? :{)
> >
> >   Just kidding. Maybe.
> >
> > Chris
> >
> >   ,----------------------.   Circuit Design for the
> >   /   What's all this   \   RF Impaired
> >   / extinct stuff, anyhow? /
> >   \ _______,--------------'   Chris Trask / N7ZWY
> >   _ |/   Principal Engineer
> > oo\   ATG Design Services
> > (__)\   _   P.O. Box 25240
> >   \ \   .' `.   Tempe, Arizona 85285-5240
> >   \ \ /   \
> >   \ '"   \   Technical Editor,
> >   .   ( ) \   QRP Quarterly
> >   '-|)__| :. \   QRP ARCI 9464
> > | | | | \ '.
> >   c__; c__; '-..'>.__   Email: ctrask@primenet.com
> >   http://www.primenet.com/~ctrask
> >
> >   Graphics by Loek Frederiks
>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 06:52:29 -0600
> From: "Steven K. Anspach" <spach@ida.net>
> To: qrp-l@Lehigh.EDU
> Message-ID: <3.0.1.32.19990428065229.0072ecec@ida.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> FS QRP
>
> The following items are for sale:
>
> MFJ-418 Code Trainer - $50

> MFJ-260C Dummy Load - $15
> MFJ-259 Antenna Analyzer - $110
> Oak Hills WM-2 Watt Meter - $70
>
> All items are in excellent condition. Manuals included. Shipping extra.
> Respond via private email - spach@ida.net.
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:59:01 -0400
> From: Scott Howell <whowell@hq.nasa.gov>
> To: QRP-L@LEHIGH.EDU
> Subject: [39164] tt aRGOSY 525
> Message-ID: <3.0.5.32.19990428085901.008052e0@mail.hq.nasa.gov>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> ANYONE KNOW IF A kc1 COULD BE ADDED TO THIS RIG? ALSO ANY COMMENTS ON IT.
> hOW DOES COMPARE FOR EXAMPLE TO THE oMNI-v.
> OH, ANYONE GOT CONTACT INFO ON WHERE A kc1 COULD BE HAD? i MAY NEED ONE.
>
> TNX ES 72 DE sCOTT/N3BYY
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 06:46:15 -0700 (MST)
> From: Chris Trask <ctrask@primenet.com>
> To: Bruce Kizerian <kizerian@ced.utah.edu>
> Cc: qrp-l@Lehigh.EDU
> Subject: [39165] Re: Worked All Truck Stops (Was: National Parks)
> Message-ID: <Pine.BSI.3.96.990428064503.18580B-100000@usr09.primenet.com>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
>
> Bruce,
>   You know, now that I think of it there are probably lots of
> truckers who already qualify for this. :{)
>
> On Wed, 28 Apr 1999, Bruce Kizerian wrote:
>
> > Chris
> >
> > Don't you need an 11 meter rig for that?
> >
> > Chris Trask wrote:

> >
> > > On Tue, 27 Apr 1999, crc wrote:
> > >
> > > >
> > > > How about just operate from the park,period. "QRP from the Park"
> > > >
> > > >   How about a "Worked All Truck Stops in XX"? :{)
> > >
> > >   Just kidding. Maybe.
> > >
> >
>
>
>   ,----------------------.   Circuit Design for the
>   /   What's all this   \   RF Impaired
>   / extinct stuff, anyhow? /
>   \ _______,--------------'   Chris Trask / N7ZWY
>   _ |/   Principal Engineer
> oo\   ATG Design Services
> (__)\   _   P.O. Box 25240
>   \ \   .' `.   Tempe, Arizona 85285-5240
>   \ \ /   \
>   \ '"   \   Technical Editor,
>   .   ( ) \   QRP Quarterly
>   '-|)__| :. \   QRP ARCI 9464
> | | | | \ '.
>   c__; c__; '-..'>.__   Email: ctrask@primenet.com
>   http://www.primenet.com/~ctrask
>
>   Graphics by Loek Frederiks
>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:56:37 -0600
> From: "Rattray, Bruce" <Rattray@siast.sk.ca>
> To: "'zmola@campbellsci.com'" <zmola@campbellsci.com>
> Cc: "'QRP-Canada'" <qrp-canada@lists.gpfn.sk.ca>, "'QRP-L'"
> <qrp-l@LeHigh.edu>
> Subject: [39166] RE: National Parks QRP Contest - QRPpark?
> Message-ID: <ABB04875E11AD01191A40000F83092BE01F38FA5@STONE>
> Mime-Version: 1.0
> Content-Type: text/plain
> Content-Transfer-Encoding: 7BIT
> Content-Transfer-Encoding: 7BIT
>

> Selfishly speaking, I like the idea of "parks" as it would give me a
> chance
> to get away from the home station for once and operate portable from one
> of
> our local parks...but looking at the whole picture, the theme doesn't
> matter
> too much to me as getting on the air and enjoying the comradship of other
> qrp operators is the big kick....
>
> 72/73 - Bruce (VE5RC+VE5QRP)   QRP-C#1 QRP-L# 886 ARCI# 9683
>   10-10# 944   Amateur Radio Stamp Collector - A1 Operators
> CLub
> -
>   Regina, Saskatchewan, Canada
>
>
> > ----------
> > From: Carl Zmola[SMTP:zmola@campbellsci.com]
> > Reply To: zmola@campbellsci.com
> > Sent: Tuesday, April 27, 1999 1:20 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Re: National Parks QRP Contest - QRPpark?
> >
> > > All - I think the idea of a QRP contest in which the participants
> > operate
> > > from a National Park/National Monument is a great one. This
> > country has a
> >
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:11:04 -0700
> From: Jeff Grudin <grudin@pacific.vdbs.com>
> To: QRP-L <qrp-l@lehigh.edu>, Dan McGuire <dmcguire@santacruz.k12.ca.us>,
> Felix Kozodoy <flexgato@aol.com>, blakney@pacific.vdbs.com
> Subject: [39167] QRPTTF Backpacking trip
> Message-ID: <372716F8.77F27D06@vdbs.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Please check out this web page to see some pictures from our hike and
> read our story of the 1999 QRPTTF. (It takes a minute for the pics to
> load.)
>
> http://www.vdbs.com/~grudin/qrpttf99.htm
> --

> 73 de AC6KW <mailto:grudin@vdbs.com>
> Jeff Grudin, DVM Web Add: http://www.vdbs.com/~grudin
> Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
> Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 09:16:22 -0500
> From: "J. W. (Dub) Thornton" <dub@oklahoma.net>
> To: qrp-l@lehigh.edu
> Subject: [39168] Re: Chernobyl Virus and reformatting HD
> Message-ID: <199904281417.JAA00323@ultra5.oklahoma.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Fellow Listees: I have seen reference to a low lever format of the
> harddrive
> being required, after Chernobyl Virus is finished with one. Are we
> actually
> talking about a LOW LEVEL format, rather than a simple re-partitioning/
> formatting of the harddisk? Not too many will have the software on hand,
> nor the knowledge to use it to perform a low level format on the IDE type
> drives most of us use today. I would like to have some confirmation on
> this
> one.
> "72"
> -
> J. W. (Dub) Thornton WA5YFY
> Minco, OK.
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 10:17:01 -0400
> From: "Richard Brummer" <obvious@bestweb.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39169] Re: National Parks QRP Contest - QRPpark?
> Message-ID: <003f01be9181$de36e1e0$e705b3d8@default>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Maybe some enterprising QRP-L member could find a way to operate from the
> only mobile National Monument in the U.S.
>
> 73,
> Dick K2REB

>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 10:18:02 -0400
> From: Michael Maiorana <mikemo@ibm.net>
> To: qrpl <qrp-l@Lehigh.EDU>
> Subject: [39170] Sealed Lead Acid Batt. info
> Message-ID: <37271899.BC53D052@ibm.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Thanks to all who gave me advice on the batteries I found.
> I discharged the battery for 5.5 hours at 1.1 amps (TS-430 on receive).
> The load voltage dropped to just under 12 and the rest voltage down to
> 12.3. It looks like about 50% of the capacity was used. That means that
> my 20 amp-hour batteries are now 11-12 amp hours. Not bad I guess.
>
> I found a very good technical manual on the web from power-sonic. If you
> have a PDF reader check out:
> http://www.power-sonic.com/techman.pdf
> I got a bunch of info there. BTW, they say expect about 5 years of use
> out of a well cared for SLA battery. These units are about 8 years old.
> --
> 72 de KU4QO
> Mike Maiorana
> Palm Harbor, FL
>
> "Has anyone seen my youthful exuberance? I must have misplaced it."
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:19:40 -0700 (PDT)
> From: jsm@intergate.bc.ca (Steve McDonald)
> To: qrp-l@Lehigh.EDU
> Subject: [39171] Paul - NA5N e-mail bouncing!
> Message-ID: <199904281419.HAA16377@cherokee.intergate.bc.ca>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Paul...my e-mail to you via Norcal or direct keeps bouncing...any ideas
> why?
> Using the rt.66 address.
>

> Steve / VE7SL
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:48:44 -0700
> From: Vic Rosenthal <rakefet@rakefet.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39172] Propagation question
> Message-ID: <37271FCC.F433AB02@rakefet.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> The night before last, Europe was booming in here on the West Coast at
> around
> 0400-0530z on 20 meters. The solar flux was 105, the K index was 1. Last
> night
> there were only a few very weak signals. The flux was 110 and the K was
> 3. The
> band wasn't particularly noisy. Paul Harden said that the K index didn't
> have
> much effect on the high bands anyway.
>
> Why were the conditions so different? What factors affect conditions
> beside the
> flux and k index?
>
> I *really* want to understand this!
>
> 73,
> Vic, K2VCO
> Fresno CA
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:46:15 -0700
> From: "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
> To: <k6whp@gte.net>, "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Subject: [39173] Re: TS-830S QRP
> Message-ID: <003201be9185$e9bfeda0$4434d4cc@bgeipel.pom.primenet.com>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit

>
>
>
>
>
> >A friend of mine (who shall remain unidentified) recently blew out the
> >finals of his TS-520 by running it at 5 watts; he was advised -- after
> >the fact -- that this would happen.
>
> No need to keep my name anonymous Bill :)
>
> Yes, I did blow the finals on my 520 during QRPTTF (home station).
> I was just to lazy to wire the antenna up to the OHR (which I did after
> the 520 blew).
>
> I had made a few contacts and then I was ragchewing with my
> friend Gody, AC6UV when I heard a pop. The fuse had blown
> and after replacing it, I was unable to get any power out on
> transmit. After replacing the tubes, all was fine.
>
> I told my elmer about this. He is a tube only Ham who designs and
> builds all of his tube equipment and maintains tube rigs for a lot
> of hams in his area and has written quite a few articles for "Electric
> Radio" magazine. We were trying to diagnose the problem when
> I said something like, "I can't believe they blew when I was running
> QRP!" He that immediately turned on the light bulb and he went
> on explaining:
>
> "QRP operation with high power tubes is not recommended.
> It is easy to exceed the tube's screen and plate dissipation rating,
> meaning all the unused power is dissipated by the tube as heat..."
>
> I talked with him last on SSB and he mentioned this again, encouraging me
> to use my OHR for QRP - which I am planning on doing anyhow :)
>
> I am willing to except that he may be feeding me some bad info, but
> none the less, the finals did blow at 5 watts output and this man has been
> building tube rigs (QRP included) since the 1940's.
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 07:56:44 -0700 (PDT)
> From: Ron Stark <ku7y@dri.edu>
> To: James Bartley Henson III <jbhenson@zebra.net>
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39174] Re: QRP Quarterly
> Message-ID: <Pine.SOL.3.96.990428074355.15948C-100000@vortex>

> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> On Wed, 28 Apr 1999, James Bartley Henson III wrote:
>
> > Has the latest issue of QRP Quarterly been received by anyone? The last
> > I got was Jan 99 copy. An off-line answer would be appreciated.
>
> Hi Jay,
>
> Good question and I'm sure other are wondering also so I'm
> posting the info to the full list.
>
> I just got off the phone with the printer. The April issue
> was "on the press" as we were talking. From there it will be
> folded and whatever else they do to make a magazine out of
> it.
>
> Then it's off to the mailer to be put into the envelopes and
> given to the post offce. They expect it to be in the mail by
> Friday at the latetest.
>
> We all thank you very much for your patience.
>
> cul,
>
> 73, Ron,   SOWP 5545M,
>
> ....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
> ....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
> ....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:58:09 -0600
> From: Bruce Kizerian <kizerian@ced.utah.edu>
> To: qrp-l@Lehigh.EDU
> Subject: [39175] Kitchin's Comment--1 Transistor Regen
> Message-ID: <37272200.FD54D97B@ced.utah.edu>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Those who have looked at my document on the one transistor
> regenerative transceiver may have realized that the
> information there was intended to stimulate experimentation.

> The document is not a set of "cut and dried" plans for a
> regen transceiver.
>
> Charles Kitchen has been kind enough to provide some
> commentary and correction on the circuits I have provided,
> and has given permission to put it out on the list. It will
> be easier to understand his commentary if you have my
> document. I will gladly send directly to anyone who would
> like to take a look.
>
> His original comments were prefaced by the following
> statement:
>
> "Well...being a serious regen fanatic....I can list lots of
> things "wrong" with
> this simple circuit. But if you are just looking for
> something fun to play
> around with it will probably "work" (get stations).
>
> By the way. Mike Murphy (a Ham friend) and I came-up with a
> working regen
> transceiver over a year ago...but it was too complicated
> because we (and you)
> need to comply with the new FCC specs which state that all
> transmitters 5W and
> less must have all harmonics down by (at least) 32dB. This
> requires a double
> pie output filter between transmitter and antenna."
>
> His comments are followed by my reply.
>
> Bruce kk7zz
>
>
> OK Bruce. Sure, go ahead and put this in QRP-p. I reworked
> this abit (below)
> adding a few more details (and knit-picks).
> 73 DE N1TEV
> --
>
> The major things I see wrong with this receiver are:
> 1.) No source bias for the JFET. You need to add a resistor
> between the source
> and the coil tap and bypass the resistor with a 100pF or so
> mica cap. Without
> this bias the FET will not break into oscillation smoothly
> (its gain will be
> MUCH too high) and you can burn it out if the regen control

> is turned all the
> way up. Values of 2.7k are about right for the 2N4416, J310
> or MPF102 JFETs.
>
> 2.) R1 really should be bridged across C2 instead of being
> connected across the
> coil. Otherwise R1 degrades the Q of the coil and the
> circuit may detune around
> critical regeneration. The R1/C2 time constant sets
> "detector efficiency" (audio
> volts out for a given RF input signal). For SW frequencies
> and common JFETs R1
> should be about 1M Ohm and C2 100pF. For AM Broadcast band,
> C2 should be
> increased to 200 or 250Pf. If the R1/C2 time constant is
> made long enough (such
> as using a 10M for R1) the detector can break into super
> regeneration if the
> regen level is turned-up high enough. This can cause an
> audio squeal and other
> strange effects (the audio squeal is usually the result of
> the quench frequency
> being in the audio range). By the way, super regeneration
> is a fascinating
> subject for amateur experimentation but it is best suited
> for VHF and UHF
> frequencies where the (optimum) quench frequency is above
> the audio range.
>
> 3.) This circuit uses a resistive regen control. Bad for
> many reasons but
> mainly because of high drift (with supply or signal
> variations). It's also
> almost impossible to adjust properly due to its inherent
> hysterisis (you turn-up
> the control, it overshoots, oscillates and you must then
> turn it down again).
> Very irritating in actual use. Much better to use a Zener
> regulated detector
> supply with a "throttle" regen capacitor.
>
> 4.) You really need to decouple the antenna from L2.
> Otherwise the input
> signals will be too strong and cause detuning of the signal
> as regen is raised
> also poor selectivity and also radiation of the detector's
> signal out the
> antenna. Finally, direct coupling to the antenna will cause

> severe "hum
> modulation" on the higher HF frequencies. A small air
> variable cap in series
> with the antenna will allow you to adjust the amount of
> antenna coupling.
>
> 5.) No RF stage. All modern regen receivers really should
> use a stage of RF
> amplification between antenna and detector both for
> increased sensitivity at
> higher SW frequencies and to prevent detector radiation out
> the antenna. In
> this circuit, a simple PNP grounded base (or a FET as a
> grounded gate) stage
> will prove quite adequate. The transistor's collector
> should run to L2 (always
> use inductive coupling to detector as this prevents AM
> broadcast station
> interference).
>
> 6.)No AF gain at all. Use an LM386, etc
>
> 7.) Audio should be extracted from the detector source. RF
> Performance and
> audio quality are always better if the audio is extracted
> off the detectors
> source rather than its drain. The basic reason for this is
> any added resistance
> in the drain circuit "deregulates" the detector and
> contributes to variations in
> regen level and tuning. Far better to take the audio off
> the source using a 5k
> resistor and series cap to an audio amplifier (LM386, etc).
> You will need the
> 2.7k source resistor and 1000pF source bypass cap in there
> to do this. Now the
> audio is extracted "for free" and the source resistor has a
> stabilizing effect
> on performance (because you now have added reverse bias)
> rather than the
> destabilizing effect of resistance added into the drain
> circuit.
>
> 8.) No Fine tuning. You can make a "poor mans varacter" here
> with a simple
> rectifier diode.
>
> 9.) No LP Filtering. You need to provide a switchable LP

> filter to reduce audio
> BW for CW and SSB reception.
>
> 10.) High Z phones MUST be used with this circuit(and they
> sound really awful).
> I prefer "Walkman" type headphones driven by an LM386, etc.
>
> Why not take a look at my latest regen article in the
> Nov/Dec issue of QEX (ARRL
> publication)? This goes into these design issues in great
> detail.
>
> Sorry for the critical analysis...its just my nature.
>
> > ----------
> > From: Bruce Kizerian[SMTP:kizerian@ced.utah.edu]
> > Sent: Tuesday, April 27, 1999 2:40 PM
> > To: Kitchin, Charles
> > Subject: Re: One Transistor Transceiver?
> >
> > Charles
> >
> > Thanks so much for your critical commentary. Honesty is
> hard to come by these
> > days--especially polite honesty.
> >
> > I have studied most of your circuits and realize some of
> the limitations of
> > the
> > circuit in the document, but you have pointed out others,
> and I'm grateful.
> > The
> > document was intended to stimulate thought and
> experimentation rather than be
> > a
> > "tried and true" set of instructions for design.
> >
> > Having said that, let me tell you about a contest I am
> spearheading for my
> > local
> > amateur radio club. The purpose of our "One Transistor
> Challenge" is to design
> > and/or build a one transistor circuit of any kind. The
> main reason for this
> > contest
> > is to get the "old pros" working with "youngsters" and
> stimulate new interest
> > in ham

> > radio and electronics, and teach basic assembly skills.
> >
> > There are several obvious candidates for one transistor
> circuits, but my focus
> > will
> > be on putting together a kit of parts for a one transistor
> broadcast band
> > regen
> > receiver, and distribute those "kits" to Elmers in the
> club for those who want
> > something to start with.
> >
> > Now a one transistor radio will not be high performance,
> but could be made to
> > work
> > on the AM broadcast band where signals are plentiful and
> loud. For an added
> > challenge, some may wish to convert the radio to shortwave
> frequencies. I
> > threw out
> > the one transistor transceiver idea as a further challenge
> for those who are
> > on the
> > lunatic fringe of homebrewing. Maybe, I am the only one
> like this, but I don't
> > think
> > so. Anyway, now you know my motivation, and, hopefully, my
> obsession with one
> > transistor radios is understandable.
> >
> > By the way, the circuit I will probably adapt is one from
> your March 1994
> > Electronics Now article.
> >
> > With your permission I would like to forward your e-mail
> to QRP-L and to
> > members of
> > my club. Please let me know if this is okay.
> >
> > Thanks again,
> >
> > Bruce kk7zz
> >
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:07:55 -0700

> From: Vic Rosenthal <rakefet@rakefet.com>
> To: bgeipel@primenet.com
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39176] Re: TS-830S QRP
> Message-ID: <3727244B.9FDFF2AA@rakefet.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Barry L. Geipel - AD6HR wrote:
> >
> > I had made a few contacts and then I was ragchewing with my
> > friend Gody, AC6UV when I heard a pop. The fuse had blown
> > and after replacing it, I was unable to get any power out on
> > transmit. After replacing the tubes, all was fine.
>
> Some Chinese 6146's tend to develop internal shorts. I had this problem,
> too,
> but not at QRP levels. I think this occurs as the tubes heat up. It
> probably
> would have happened faster at QRO, since the tubes would get hotter. Some
> companies recommend only US-made tubes in these rigs.
>
> > I told my elmer about this. He is a tube only Ham who designs and
> > builds all of his tube equipment and maintains tube rigs for a lot
> > of hams in his area and has written quite a few articles for "Electric
> > Radio" magazine. We were trying to diagnose the problem when
> > I said something like, "I can't believe they blew when I was running
> > QRP!" He that immediately turned on the light bulb and he went
> > on explaining:
> >
> > "QRP operation with high power tubes is not recommended.
> > It is easy to exceed the tube's screen and plate dissipation rating,
> > meaning all the unused power is dissipated by the tube as heat..."
>
> This would be the case if the 6146's were only grid-leak biased. In that
> case,
> reducing the excitation would reduce the bias and cause excessive plate
> dissipation. But the 6146's in the 530 are operating class AB1 with
> enough
> fixed bias to limit the dissipation to a safe level with *no* excitation.
>
> 73,
> Vic, K2VCO
> Fresno CA
> Also a tube man.
>

> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:39:10 -0600
> From: Larry East <w1hue@amsat.org>
> To: qrp-l@lehigh.edu
> Subject: [39177] NC20 Sidetone Mod (semi-long)
> Message-ID: <3.0.3.32.19990428083910.009070f0@axp1>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> I may be old fashioned, but I like the sidetone level in my rigs to be
> independent of the audio gain control. It wasn't in the QRP+ so I modified
> mine. It also isn't in the NC20, so I set about to modify that also. If
> you'd like the NC20 sidetone/AFA output to be independent of the audio
> gain
> setting, read on; if not (or you don't <gasp!> have an NC20), hit the
> delete key now.
> -
> This simple mod will allow the TiCK and AFA audio output levels to be as
> independent of the audio gain control (VR4) setting as you wish. This mod
> requires two PCB traces to be cut and one resistor to be added. The
> resistor value controls the degree to which the TiCK/AFA tones are
> independent of the audio gain control (VR4) setting. Select the resistor
> value as follows:
>
> If you want the TiCK and AFA audio levels to be somewhat dependent on the
> setting of VR4, use a resistor in the range 1-3K (e.g., 2.2K). This is
> useful if you frequently switch between headphones and a speaker.
>
> If you want the TiCK and AFA tone levels to be essentially independent of
> the setting of VR4, use a value in the range 5-10K (6.2K works for me. I
> don't recommend using a value greater than 10K.)
>
> To make the mod, proceed as follows:
>
> 1. Find the PCB trace that runs from the wiper contact on VR4 to C56.
> Looking at the bottom of the board with the front panel facing you, the
> trace in question is the one running from VR4 along the right-hand edge of
> the board toward U6.
>
> 2. Using a sharp "hobby knife" or razor blade, cut a small gap in the
> trace
> near the VR4 solder pads.
>
> 3. Solder a 1K to 10K resistor (see above on choice of value) across the
> gap in the PC trace. (You will have to carefully scrape away the green
> coating and tin the trace at the points where the resistor will be
> connected.)

>
> 4. Locate the PCB trace that runs from the common ends of C96 and C101 to
> pin six of U5B. Cut a short gap in the trace near the junction of C96 and
> C101.
>
> 5. Solder a short length of insulated wire (#30 wire-wrap wire works fine
> here) from the junction of C96 and C101 to the end of the resistor
> installed above that is away from VR4 (toward U6). In other words, the
> wire
> should connect C96 - C101 to the wiper of VR4 via a 1K - 10K resistor and
> directly to the end of C56 that previously connected to the VR4 wiper.
> Dress the wire neatly against the bottom of the board; avoid passing it
> directly over any solder pads.
>
> That's it! All that remains to be done is to readjust VR7 and VR8 for
> proper levels of the TiCK and AFA tones, respectively.
>
> Enjoy.
> Larry W1HUE/7
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 08:32:46 -0700 (PDT)
> From: Jeff <fantbb@yahoo.com>
> To: qrp qrp <qrp-l@lehigh.edu>
> Subject: [39178] Re: National Parks QRP Contest - QRPpark?
> Message-ID: <19990428153246.7188.rocketmail@web601.yahoomail.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
>
> --- Ed Lawson <elawson@lr.net> wrote:
> > On Tue, 27 Apr 1999 14:59:21 -0700, James
> > Carmody wrote:
> >
> > >-but please include state parks
> > >as there are few national parks near Houston.
> >
> > Agreed. None in NH to my knowledge. Just
> > National forests. Maybe
> > expand to national landmarks or historic places
> > instead of just National parks.
>
> Well gang I'll just put down the arguements that
> various hams here hit me with when I proposed a
> QRP-L QSO party.
>
> Let's see now what were the arguements? Oh yes

> here they are.
>
> Who is going to run it? I got a long email really
> attacking me on this.
>
> Oh yes the other was "Why we have QTTF where all
> the QRPers are on from here any way.
>
> Yet another one "Do we need another QRP contest?"
>
> And so on and so on.
>
> Sooo if I am gonna get whacked for proposing a
> QRP contest of sorts. I hope those that whacked
> me attack who ever proposed this also. Seeing how
> it's easier to attack and critize than to use
> their brains to figure out how to add even more
> fun to the hobby.
>
> 72 and still smarting from my last proposal.
>
> Jeff
>
>
>
>
>
>
> ===
> Jeff Jones
> AB6MB
> NorCal QRP Club #65, QRP-L #1780
> CW Forever!!!
> Ghost Hunter
> Owner of the Delta MudCats fantasy baseball team
> Long live Manchester United and the Oakland A's!!!!!!
> ____
> Do You Yahoo!?
> Get your free @yahoo.com address at http://mail.yahoo.com
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 11:37:58 -0400
> From: "Karty, Steven" <kartys@ncs.gov>
> To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
> Subject: [39179] Solar/Battery/Cranked AM/FM Radio for $19.99
> Message-ID:

> <41A8197B6ABCD2119C0600204804F0CC162A5D@rbmail101.chamb.disa.mil>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
>
> I happened to find a copy of an advertising supplement (to the 16 April
> 1999
> Salt Lake Tribune) from General Army Navy Outdoor Store, 4974 So. Redwood
> Rd., phone 966-5556, which lists a $19.99 Solar/Battery/Cranked AM/FM
> Radio.
> It might be fun for some of our hardier members to modify for QRP.
> 72, Steven - N5SK
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:00:40 -0400
> From: elawson@lr.net (Ed Lawson)
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39180] Re: National Parks QRP Contest - QRPpark?
> Message-ID: <19990428155329.AAA1410@office4.office.new>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> On Wed, 28 Apr 1999 08:32:46 -0700 (PDT), Jeff wrote:
>
> >Sooo if I am gonna get whacked for proposing a
> >QRP contest of sorts. I hope those that whacked
> >me attack who ever proposed this also.
>
> What is the big deal, it was just a suggstion.
> Trying to expand the number of locations which
> can be used which in turn might increase the
> numbers who participate.
>
> I suspect if someone suggested a QRP
> contest with multipliers for operating on
> battlefields of the French and Indian War
> those in the West might suggest some alternatives.
>
> I am finding the amount and fun quotiant of QRP contest/events
> to be very high indeed and will participate every chance I get and
> am thankful for those who dream them up and organize them.
>
> But I don't think making a suggestion is whacking anyone.
> Trust me, if that was the intent, you would know it.

>
> Ed Lawson
>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:14:40 -0400
> From: jim seeber <kw3u@warwick.net>
> To: qrp-l@lehigh.edu
> Subject: [39181] xtals wanted
> Message-ID: <372733EF.C97178ED@warwick.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi Gang;
>   I'm now the proud owner of a BA(boatanchor), a nifty little
> lunchbox sized critter called a Johnson Viking adventurer.
>   Got it on the air with a few old ft243's for 40 meters I had from
> the 60's, wud really like to put it on 80 general or novice freqs.
> Anyone wanna trade some 80's for 40 freqs, I have a bunch of
> dupes between 7035 and 7050.   On the other hand a while back
> someone was selling ft243 packages of 5 xtals, is he/company
> still around?   It puts out 35 watts so not qrp in a true sense, but
> I believe someone here posted that age does have it's privileges. :) .
>
>   tnx   Jim KW3U
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:22:12 -0400
> From: Chuck Leskie <cleskie@um-f1.umd.umich.edu>
> To: QRP-L Reflector <qrp-l@lehigh.edu>
> Subject: [39182] Antenna switch
> Message-ID: <372735B6.87F8FC0F@um-f1.umd.umich.edu>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hello All
>
> I was wondering if anyone has any experience with the Ameritron RS4

> antenna
> switch? Just like many others, I have more than one antenna. In my case
> three.
> Ameritron advertises that you can remotely switch between antennas using
> only
> one feed line out of the house. This could be useful to me, but I wonder
> how
> lossy this switch is, or how dependable? Would appreciate any input.
>
>
> Chuck
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:44:43 -0400
> From: Joseph Burgess <joew3pnl@netcarrier.com>
> To: plburbank@kih.net
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39183] Re: Re.sealed batteries
> Message-ID: <37273AFB.4A6C@netcarrier.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Pete Burbank wrote:
> >
> > Dearest gang.. First of all it is very important to know the
> > exact type of battery that you are dealing with.
> > These things can explode...and have hurt many people.
> >
> > For some strange reason I have been involved with them for years,
> > from laying atop sub batts about 8 feet high to get the
> > specific gravity to maintaining sealed units in medical gear.
> >
> > The best bet is to check with the Mfgr on charging specs,
> > fusing, etc..most have websites as batteries are extremely
> > hazardous.
> > The charging endpoint on sealed Lead-Calcium batteries (12V) is
> > 13.8 volts and if you discharge a 12V cell below 10.8V it may or
> > may not recover.
> > AGAIN...GET THE SPECS!!! these things are small bombs.
> > 72/73/88 Pete NV4V
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 11:45:40 -0500
> From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

> To: <rakefet@rakefet.com>, "'Low Power Amateur Radio Discussion'"
> <qrp-l@Lehigh.EDU>
> Subject: [39184] RE: Propagation question
> Message-ID: <000001be9196$93ee9140$d8016f81@muenzlerk.uthscsa.edu>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> There is a lot that "we" don't understand about how the ionosphere works.
> Some say it is refraction some say reflection others say that there is
> some
> sort of ducting going on. I believe it's a combination of reflection and
> ducting. I've seen conditions, mostly on 15 and 10, where a certain area
> is booming in and nothing else. I remember during the last solar peak
> hearing eastern Europe/Western USSR (Estonia, Uzbekistan, Kazakhstan,
> Georgia...) and little else. They were all S9 signals but I could hear
> little else. It lasted about 45 minutes and then the band went dead.
> This
> would seem to support the ducting theory where the signals go in at one
> end
> of the duct and out at the other end. Air currents in the ionosphere move
> these holes around. But then what do I know?
>
> Kevin, WB5RUE
>
>
> > -----Original Message-----
> > From: owner-qrp-l@Lehigh.EDU
> > [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> > Vic Rosenthal
> > Sent: Wednesday, April 28, 1999 9:49 AM
> > To: Low Power Amateur Radio Discussion
> > Subject: Propagation question
> > >
> > >
> > The night before last, Europe was booming in here on the West
> > Coast at around
> > 0400-0530z on 20 meters. The solar flux was 105, the K index
> > was 1. Last night
> > there were only a few very weak signals. The flux was 110
> > and the K was 3. The
> > band wasn't particularly noisy. Paul Harden said that the K
> > index didn't have
> > much effect on the high bands anyway.
> > >
> > Why were the conditions so different? What factors affect

> > conditions beside the
> > flux and k index?
> >
> > I *really* want to understand this!
> >
> > 73,
> > Vic, K2VCO
> > Fresno CA
> >
>
>
> ------------------------------
>
> Date: Tue, 27 Apr 1999 18:51:07 +0200
> From: "Peter Zenker" <Peter_DL2FI@csi.com>
> To: <ap036@detroit.freenet.org>, "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
> Subject: [39185] Which wire for the QRP-PA
> Message-ID: <000501be90e7$2eeece40$13a39ec1@zenkerpn>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
>
>
> > Now, as to the wire for the transformer. I have three gauges of
> transformer
> > wire. No 26, No: 28 and No: 30.   It appears to be No: 30, is that
> correct?
>
> > 73/72 de Steve, W8SFF
>
>
> Yes, AWG 30 is fine, its very similar to our 0,2mm.
>
> I made transformers using AWG 29, it is possible, but not soo easy to
> handle.
>
> Peter, DL2FI
>
>
>
>
>
>
>
>
> ------------------------------

>
> Date: Wed, 28 Apr 1999 13:01:18 EDT
> From: HWRM1SS@aol.com
> To: njqrp@njqrp.org, qrp-l@lehigh.edu
> Subject: [39186] Portable/QRP ops - with Kenwood TS-520
> Message-ID: <8040b354.245898de@aol.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Fellow QRPers,
>
> I am in need of a DC Power Cable (or at least the 12 pin connector --
> Jones
> Plug???) for my old TS-520 as I am putting together my QRP/Camping
> Station.
>
> I have modified the TS-520 using the Internat'l Radio kit for a hotter
> front
> end -- works well... Considering the possibility of running it with just
> the
> 12BY7A driver - or - just using the receiver with my FB-40 or Tri Tet 6V6
> oscillator.....
>
> Any information would be appreciated
>
> Tnx es 72;
>
> Howard K3HW
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 11:15:52 -0600
> From: "Carl Zmola" <zmola@campbellsci.com>
> To: qrp-l@lehigh.edu
> Subject: [39187] Re: National Parks QRP Contest - QRPpark
> Message-ID: <19990428171107700.AAA239@carl-zmola>
> MIME-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
> Content-Transfer-Encoding: 7BIT
>
> > Great idea for a contest. I'd like to operate from Federal Hall in
> > Manhattan at the corner of Wall and Broad Street. Or maybe from the
> > Statue of Liberty. Wonder what I'd need to do something like that?
>
> I don't know but you would get an awsome multiplier if you could

> load the statue.
>
> > My friend Tony WW2W had the idea to operate from the gravesite of Samuel
> > Morse at Greenwood Cemetary in Brooklyn. Not a National Park, but would
> > be pretty eerie putting up an inverted-vee in that place... without
> > getting bounced out!
>
> Talk about stealth operation. Set up some scheduled contacts. It
> would make a great qsl card too.
>
> > I always wanted to operate from Central Park (during the day). Would
> that
> > count for something?
>
> Hazzard pay?
>
>
> Carl
> zmola@campbellsci.com
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 13:10:23 -0400
> From: "Tom Hybiske" <hybiske@generalatronics.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39188] Re: Antenna switch
> Message-ID: <01be919a$00fb1a80$8c68f326@hybiske.generalatronics.com>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Here ya go Chuck. Follow this URL:
> http://www.ameritron.com/specs/rcs4.html
>
> Tom K3GM
>
>
> >Hello All
> >
> >I was wondering if anyone has any experience with the Ameritron RS4
> antenna
> >switch? Just like many others, I have more than one antenna. In my case
> three.
> >Ameritron advertises that you can remotely switch between antennas using
> only
> >one feed line out of the house. This could be useful to me, but I wonder

> how
> >lossy this switch is, or how dependable? Would appreciate any input.
> >
> > Chuck
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:16:18 -0500
> From: "Mark Hogan" <mhogan@email.msn.com>
> To: "QRP LIST" <qrp-l@Lehigh.EDU>
> Subject: [39189] NC-20 transmitter Offset
> Message-ID: <008c01be919a$db876ff0$6ae60181@mhogan-ws>
>
> Ok folks
> as you guys know from enduring my post last week of another nc20 lives
> mine
> is working.
> I am however a little confused about my offset. I tried to set it, but
> how
> do you make the sidetone play while you adjust the offset so you can zero
> both tones. I'm going to check it tonight and re-read the book again, but
> last night I did not see that it worked this way.
>
> Although I made a contact last week after I finished the rig, I am not
> 100%
> sure I did this right. Since I did a good job on the rest of it, I'd like
> this to be perfect (or real close) also.
>
> Thanks in advance.
>
> Also I'd like to publicly thank all those (that I inadvertently didn't
> respond to) that offered advice on my 38s. Its working great now, my
> mouser
> order came today, so I'll be 10 turning my nc20 and working on the custom
> enclosure for the 38s this week.
> This is a great bunch of hams.
>
>
> Mark Hogan
> N5OBC
>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:17:36 -0500

> From: W5TB <w5tb@SoftHome.net>
> To: wa8mcq@erols.com, "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Subject: [39190] Re: QRP ARCI prize for HamCom
> Message-ID: <v04011705b34cec53ed94@[10.4.12.206]>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> At 1:39 PM -0400 4/27/99, Mike Czuhajewski wrote:
>
> >I really don't want to make preregistration a requirement for winning the
> >QRP ARCI prize.
>
> It won't be Mike!   I've been swamped at work but should have time this
> weekend to clarify the prize list. One or two will be limited to those who
> pre-register for the purpose of knowing how many to expect for the forums,
> and for creating a HAMCOM QRP Frenzy by encouraging QRPers from all over
> the planet to gather at HAMCOM. MANY prizes will be available for those
> who
> attend the QRP seminars.
>
> The DFW airport is only 15 minutes away, we have QRP rooms set aside for
> less money than the MArriott's official HAMCOM rate (Thanks George!), and
> some of the finest QRP speakers availble. It's gonna be a FUN time at
> HAMCOM for QRPers!!!!
>
>
> At today's low rates on travelocity I see you can fly round-trip to DFW
> You
> from Atlanta for $172 and Los Angeles for $242 -- other bargains abound
> for
> the savvy airfare shopper (see www.travelocity.com or www.bestfares.com)
>
> COME JOIN US !
>
> 73 T.E. 'Doc' Drake W5TB
>
> Arlington, TX   w5tb@softhome.net   http://www.qsl.net/w5tb/
> QRPARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
> ARRL Life Member
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 13:25:36 -0400
> From: dor <elbc@pivot.net>
> To: rakefet@rakefet.com, Vic Rosenthal <rakefet@rakefet.com>, "Low Power
> Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39191] Re: Propagation question

> Message-ID: <990428132628O1.00406@localhost.localdomain>
> Content-Type: text/plain
> MIME-Version: 1.0
> Content-Transfer-Encoding: 8bit
> Content-Transfer-Encoding: 8bit
>
> On Wed, 28 Apr 1999, Vic Rosenthal wrote:
> >The night before last, Europe was booming in here on the West Coast at
> around
> >0400-0530z on 20 meters. The solar flux was 105, the K index was 1.
> Last night
> >there were only a few very weak signals. The flux was 110 and the K was
> 3. The
> >band wasn't particularly noisy. Paul Harden said that the K index didn't
> have
> >much effect on the high bands anyway.
> >
> >Why were the conditions so different? What factors affect conditions
> beside the
> >flux and k index?
> >
> >I *really* want to understand this!
> >
> >73,
> >Vic, K2VCO
> >Fresno CA
>
> The A index.. is very important to 20 meters /all Hf bands for that matter
> ..
> it's more important than the K
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 11:34:43 -0600
> From: "Carl Zmola" <zmola@campbellsci.com>
> To: qrp-l@lehigh.edu
> Subject: [39192] (Fwd) Re: Worked All Truck Stops (Was: National Parks)
> Message-ID: <19990428172958416.AAA253@carl-zmola>
> MIME-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
> Content-Transfer-Encoding: 7BIT
>
>
> > > > How about just operate from the park,period.
> > > > "QRP from the Park"
> > > >
> > >   How about a "Worked All Truck Stops in XX"? :{)

> >
> > Don't you need an 11 meter rig for that?
> >
>
> Actually you need an 11m rig, converted to 10m :-)
>
> If you don't mod the finals, you have qrp by default :-)
>
> Make sure to work 28.085, that's the trucker frequency ;-)
>
>
>
> Carl
> zmola@campbellsci.com
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 10:41:38 -0700
> From: Vic Rosenthal <rakefet@rakefet.com>
> To: dor <elbc@pivot.net>
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39193] Re: Propagation question
> Message-ID: <37274852.74334CEE@rakefet.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> dor wrote:
> >
> > The A index.. is very important to 20 meters /all Hf bands for that
> matter ..
> > it's more important than the K
>
> I thought the A index was just a 24-hour average of the K (on a different
> scale,
> of course). Anyway, the A index wasn't outrageous yesterday either.
>
> 73,
> Vic, K2VCO
> Fresno CA
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 14:18:38 -0400
> From: Bill Cotter <bcotter@pop.uky.edu>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39194] FS: Tentec Delta-580 QRP<100W + WARC

> Message-ID: <3.0.5.32.19990428141838.00a009d0@pop.uky.edu>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> For Sale:
>
> An exceptionally well cared for Delta-580 in excellent condition
> used for vacations, field-day and portable operation. The cabinet
> paint and front panel are scratch-free and like new, with all panel
> lettering clear and smudge-free. There is a minor rub on top of the
> plastic faceplate which is barely visible. This light weight,
> compact 100W SSB/CW transceiver operates on all nine bands and
> includes a noise blanker that really works. The legendary QSK, pure
> sidetone and AF BP/notch filters make the Delta a pleasure to
> operate on CW. Variable power and ALC controls allow QRP to 100W
> operation. Includes the original manual and TenTec service history.
> $475 plus shipping.
>
> Thanks,
>
> 73 Bill N4ALG
>
>
> A sample Delta-580 is on the Unofficial TenTec page:
>
>   http://asd.state.va.us/tentec/specs/580.jpg
>
> ---
> Bill Cotter, N4ALG   E-mail: bcotter@pop.uky.edu
> 173 Carolyn Lane   Home: (606) 887-5563,2402
> Nicholasville, KY 40356-9340   Work: (606) 323-6474
>
> ARRL   ARCI #9878   QRPl #1646   QCWA #29393   FISTS #4535
> ---
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 12:34:03 MDT
> From: "David F. Kurth" <dfk@col.hp.com>
> To: QRP-L@LEHIGH.EDU
> Subject: [39195] Re: Chernobyl Virus and reformatting HD
> Message-ID: <199904281834.MAA19882@tcle1120.col.hp.com>
>
> >
> > Fellow Listees: I have seen reference to a low lever format of the
> harddrive
> > being required, after Chernobyl Virus is finished with one. Are we
> actually

> > talking about a LOW LEVEL format, rather than a simple re-partitioning/
> > formatting of the harddisk?
>
> I've been told one should never low level format an IDE hard drive. The
> controller puts more sectors on the outside tracks than on the inside
> tracks.
> This allows more data capacity. The internal controller hides all this
> from
> the host computer by using W tracks, X heads, Y sectors, and Z cylinders.
> With the old RLL and MFM drives, you could mess with them and not cause
> problems. The new IDE drives should be left alone. Using the DOS
> programs
> FDISK and FORMAT will work fine, just don't do any low level formatting or
> bit twiddling.
>
> Dave N0UVR
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 11:53:11 -0700 (PDT)
> From: Jeff Grudin <grudin@pacific.vdbs.com>
> To: qrp-l@lehigh.edu
> Subject: [39196] Sorry for that last message
> Message-ID: <199904281853.LAA28832@pacific.vdbs.com>
> Content-Type: text
>
> Guy's es Gal's
>
> Sorry for that last message. It was meant for Mike Gipe. I hate this
> elm program for email. I can't wait to get back onmy normal mailer.
>
> 73 de AC6KW
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 15:23:08 EDT
> From: PDouglas12@aol.com
> To: qrp-l@lehigh.edu
> Subject: [39197] Some thoughts on Seminars and FDIM
> Message-ID: <8f574fe2.2458ba1c@aol.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
>
> Ladies and Gents,
> I have read and heard a number of unkind comments about charging money for

>
> the FDIM program at Dayton (never mind the sum is nominal, particularly in
>
> view of the benefits and other big costs of just coming to Dayton). It's
> not
> that folks just say that their program is swell, 'cause it's free. It's
> when
> they say something like, "OURS is FREE, unlike some others we know," that
> I
> get riled. See, that's whatcha' call a snide remark.
>
> Some history first. Bruce Muscolino and Bob Gobrick got the idea five
> years
> ago that an extra day in front of the Dayton Hamfest weekend could be
> added
> to provide a serious QRP seminar with lecturers, formal papers, and
> goodies.
> Paulette Quick and I were enlisted that first year to round out the four
> person committee. QRP ARCI had no part in that founding program; nor had
> anyone in all of QRPdom done anything on that scale before (that I ever
> heard
> of, anyway.) We provided a full day seminar,coffee, lunch, and written
> materials (still available through Bruce, incidentally). We charged
> enough
> to break even, and, as a matter of fact, we just about did. I suspect
> that
> each of us went into our own pockets to help pay for some things, rather
> than
> charge the bottom line, but that's water under the bridge.
>
> The following year, Paulette bowed out (gracefully, as always) and Bob
> Follett took her job. I think at that point we asked QRP ARCI to help
> with
> any shortfall, which the club undertook to do; but there wasn't any
> anyway.
> In fact, there was a modest "profit" left over which, theoretically, was
> the
> property of the committee itself. We chose to donate it as seed money for
>
> the next year's FDIM.
>
> By the third year, there was a change of the guard, and the new FDIM
> became
> more closely affiliated with ARCI. Now, it is an ARCI run and sponsored
> event.
>
> So, why isn't it free? Because Dayton is unique. It is the Mecca of
> hams,

> who come to pilgrimage once a year, and the nice folks who run the hotels
> in
> Dayton are happy to see us. They are so happy that they follow the good
> business rules of supply and demand and jack up the prices when we come.
> Instead of getting a special reduced price, we get a special raised price.
>
> And the meeting rooms don't come free with the block of rooms, as they
> would
> at other times of the year in Dayton or elsewhere. They cost money.
> Plus,
> the usual costs of printing/copying materials, folders, coffee, and
> goodies.
> True, though, most of the prizes are donated.
> As I mentioned, FDIM is now an ARCI sponsored event.
> ARCI is a membership-owned club with members 'round the world. The
> members
> elect a board and officers, and these folks are charged with running a
> club
> for the benefit of the members. We have a charter with rules whose
> purpose
> is to perpetuate a club and provide member benefits beyond the terms of
> any
> individual officers or members of the Board. About a hundred QRPers, not
> all
> members of QRP ARCI, come to the FDIM seminar each year. The other
> members
> of QRP ARCI receive no benefit whatsoever from the seminar way out there
> in
> Dayton. These other members are primarily concerned with the quality and
> content of the QRP Quarterly (QQ) and ARCI operating events. They may
> receive local benefits from ARCI because it donates some items to local
> events, but the QQ is the thing most members want for their membership
> dollar. It isn't fair to put fewer pages into the QQ because a hundred
> hams
> will be getting a free seminar, and for that reason, it isn't done that
> way.
>
> Now, in direct answer to critics who want to say that ARCI should be able
> to
> put on a free seminar because others are doing it: Sorry, but there is no
>
> free lunch. Somebody is paying, even if the sources aren't always
> obvious.
> At a recent seminar, I noticed (and dropped money into) a jar soliciting
> contributions to help defray the costs of the meeting.   I was glad to
> contribute, because I didn't want the folks who organized up the thing to
> eat
> the leftover bills. But isn't that the point? Sure it's free, if someone

>
> else is paying.
>
> So, guys, run all the free programs you want. But don't run ours down
> because FDIM, which was the original and was there firstest with the
> mostest,
> can't be done that way. That doesn't mean the people who ran FDIM in the
> past, or run it today don't volunteer a lot of time and work (for free!)
> to
> make it a good program. We did, and they do. I worked on FDIM for two
> years
> and missed a lot of the Hamvention fun those two years. A lot of folks
> thanked us for putting on FDIM. Some didn't. And all of us take it
> personally when folks criticize FDIM because it has to charge a nominal
> amount to defray costs. I guess some folks would like us to volunteer our
>
> time and pay for the event ourselves, and I happen to resent that. We
> have a
> number of people who contribute their time and money, one or both, to the
> benefit of the rest of us. Anyone who is foolish enough to criticize
> someone
> who is performing volunteer work, or contributing his money should shut up
>
> and get out of the way.
>
> 72,
>
> Preston Douglas WJ2V
> Member of the BoD of ARCI and original member of the FDIM committee.
>
> PS This has been read verbatim to Chuck Adams on the phone. He encouraged
>
> its posting and supports its content. However, he and I both ask please
> let's not make this a long thread, as it is politics, not QRP, and not
> fun-related, which our purpose on QRP-L.
>
>
> ------------------------------
>
> Date: Thu, 29 Apr 1999 14:38:32 -0500 (CDT)
> From: Jim Glover <psykey@okcforum.org>
> To: qrp-l@lehigh.edu, homebrew@qth.net, okcham@okcforum.org
> Subject: [39198] Radio Building Blocks
> Message-ID: <199904291938.OAA01313@okcforum.org>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit

>
> A friend (Mark, KD5AMB) and I are planning to develop an idea we've
> cooked up together, to build basic radio circuits (such as mixers,
> oscillators, RF amplifiers, AF amplifiers, filters, and so on) as
> separate building blocks, and then wire the blocks together, to
> make projects such as receivers, transmitters, and transceivers.
> The idea is to have building blocks which could be mixed and matched
> in various ways, cabled together to assemble something useful, and
> then disassembled into parts for something else.
>
> Consider, for example, a direct conversion receiver, which would
> require a low-pass filter, a local-oscillator signal source, a
> mixer, and an audio amplifier. The signal source could be a crystal
> oscillator, a VFO circuit, a signal generator, or a DDS VFO (made
> from a kit, homebrewed, or bought from commercial sources). The
> audio amplifier could be one of several possible homebrew circuits,
> the phono input on a stereo, or a Radio Shack speakerphone (I guess
> they still make those!).
>
> The filter, a crystal oscillator circuit, the mixer, and the audio
> amplifier could all be built from simple circuits (or not-so-simple
> circuits, or commercially available ready-made devices). Assuming
> they were all built by hand, each could be built in its own little
> box, with connectors for power, inputs and outputs. Each box would
> not only contribute to the building of a simple direct conversion
> reciever, but could also be used to contribute to more complex,
> sophisticated projects, in the future.
>
> With a complete set of these radio biulding blocks, a tinkerer
> could put together a different sort of device to play with, each
> evening. This is sort of the same idea as a 100-in-1 electronics
> projects kit. It brings the concept one layer deeper, though,
> by first using elemental electronics components to build basic
> radio circuit modules, and then using those modules as the lego
> blocks (Lincoln logs, tinker toys, Erector set, Mechano set, or
> whatever sort of building kit toy you're familiar with) out of
> which working radios can be built.
>
> We imagine this would be not only a flexible and satisfying way
> to approach homebrewing, but also, a fun way to learn more about
> how radio works, and a way to snag the interest of kids. (Just
> gotta make sure they get their license before they build anything
> that goes on the air!)
>
> What do you think? Ideas? Comments? Suggestions?
>
> --Jim WB5UDE
>

> ------------------------------
>
> Date: Wed, 28 Apr 1999 15:55:28 -0400
> From: Bruce Muscolino <w6toy@erols.com>
> To: PDouglas12@aol.com
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39199] Re: Some thoughts on Seminars and FDIM
> Message-ID: <372767B0.2999@erols.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Preston,
>
> Very well said! I do want to clear up one confusion. While the first
> two years of FDIM were independent of and QRP ARCI money, we did have a
> commitment from them to cover us if we found we had no attendees. For
> that we gave back sponsorship in the printed materials. It seemed a
> fail trade, even though Bob and I could have paid for the whole thing
> ourselves (and still been paying for it!).
>
> I had a lot of fun running FDIM the first two years. I met a lot of
> nice people that I wouldn't have met otherwise -- you, Paulette and Bob
> among them! I look forward to helping out again when my mobility
> improves!
>
> 73,
>
> Bruce Muscolino
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 20:00:01 GMT
> From: frussle@erols.com (Jake Brodsky)
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [39200] Re: Radio Building Blocks
> Message-ID: <37326612.7112483@smtp.erols.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: quoted-printable
> Content-Transfer-Encoding: quoted-printable
>
> On Thu, 29 Apr 1999 14:38:32 -0500 (CDT), Jim, WB5UDE wrote:
>
> >A friend (Mark, KD5AMB) and I are planning to develop an idea we've
> >cooked up together, to build basic radio circuits (such as mixers,
> >oscillators, RF amplifiers, AF amplifiers, filters, and so on) as

> >separate building blocks, and then wire the blocks together, to
> >make projects such as receivers, transmitters, and transceivers.
> >The idea is to have building blocks which could be mixed and matched
> >in various ways, cabled together to assemble something useful, and
> >then disassembled into parts for something else.
>
> This has been suggested in various publications in the past. In fact,
> I even wrote a letter to QST years ago suggesting exactly this. =20
>
> >Consider, for example, a direct conversion receiver, which would
> >require a low-pass filter, a local-oscillator signal source, a
> >mixer, and an audio amplifier. The signal source could be a crystal
> >oscillator, a VFO circuit, a signal generator, or a DDS VFO (made
> >from a kit, homebrewed, or bought from commercial sources). The
> >audio amplifier could be one of several possible homebrew circuits,
> >the phono input on a stereo, or a Radio Shack speakerphone (I guess
> >they still make those!).
>
> Ever seen the T2, R2 and miniR2 projects?
>
> >The filter, a crystal oscillator circuit, the mixer, and the audio
> >amplifier could all be built from simple circuits (or not-so-simple
> >circuits, or commercially available ready-made devices). Assuming
> >they were all built by hand, each could be built in its own little
> >box, with connectors for power, inputs and outputs. Each box would
> >not only contribute to the building of a simple direct conversion
> >reciever, but could also be used to contribute to more complex,
> >sophisticated projects, in the future.
>
> Yeah. You can also buy some of these things from Mini-Circuits.
>
> >With a complete set of these radio biulding blocks, a tinkerer
> >could put together a different sort of device to play with, each
> >evening. This is sort of the same idea as a 100-in-1 electronics
> >projects kit. It brings the concept one layer deeper, though,
> >by first using elemental electronics components to build basic
> >radio circuit modules, and then using those modules as the lego
> >blocks (Lincoln logs, tinker toys, Erector set, Mechano set, or
> >whatever sort of building kit toy you're familiar with) out of
> >which working radios can be built.
>
> Radio will never get quite that easy. If you want anything better
> than mediocre performance you'll still have to deal with proper
> diplexer matches with mixers, making an AGC work smoothly across the
> radio (assuming it has AGC), noise figure, IMD, and so on.
>
> "One size fits all" modules will never make an ideal fit here.
>

> >We imagine this would be not only a flexible and satisfying way
> >to approach homebrewing, but also, a fun way to learn more about
> >how radio works, and a way to snag the interest of kids. (Just
> >gotta make sure they get their license before they build anything
> >that goes on the air!)
>
> You can break up the bits and pieces of the R2 project to get very
> nice product detector, audio phase shift circuit, and a very clean
> audio amplifier. You can even purchase some MAR series of single
> stage broadband amplifiers for use at some IF frequency. =20
>
> >What do you think? Ideas? Comments? Suggestions?
>
> Take a look at Kanga US's web page and see how much of your work has
> already been done.
>
> Jake Brodsky, mailto:frussle@erols.com
> "Nearly fifty percent of all graduates came from=20
> the bottom half of the class."
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 13:02:25 -0700
> From: "William Phinizy" <k6whp@gte.net>
> To: "Jim Glover" <psykey@okcforum.org>, <qrp-l@lehigh.edu>,
> <homebrew@qth.net>, <okcham@okcforum.org>
> Subject: [39201] Re: [HomeBrew] Radio Building Blocks
> Message-ID: <000801be91b2$0ade4e60$bbaa2599@k6whp>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Jim..
>
> This is an excellent idea. Others have used this approach already (I
> am sure that is not a big surprise), but it is commendable
> nonetheless. I would refer you to two ARRL references (both, sadly,
> out of print): "Solid State Basics" (NOT "Solid State Design") by Doug
> DeMaw wherein he uses this concept to build both an 80-meter receiver
> as well as an 80-meter transmitter. More strictly along the lines of
> component circuits would be DeMaw's MCM artivle in the ARRL "QRP
> Classics". Here he builds tiny circuits on IC socket headers. The
> miniaturization concept mught be ambitious, but the circuits are
> worhty of your regard.
>
> Good luck and 72,

>
> Bill
>
> -----Original Message-----
> From: Jim Glover <psykey@okcforum.org>
> To: qrp-l@lehigh.edu <qrp-l@lehigh.edu>; homebrew@qth.net
> <homebrew@qth.net>; okcham@okcforum.org <okcham@okcforum.org>
> Date: Wednesday, April 28, 1999 12:39 PM
> Subject: [HomeBrew] Radio Building Blocks
>
>
> |A friend (Mark, KD5AMB) and I are planning to develop an idea we've
> |cooked up together, to build basic radio circuits (such as mixers,
> |oscillators, RF amplifiers, AF amplifiers, filters, and so on) as
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> |that goes on the air!)
> |
> |What do you think? Ideas? Comments? Suggestions?
> |
> |--Jim WB5UDE
> |
> |----
> |Submissions: homebrew@qth.net
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 14:12:39 -0600 (CST)
> From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39202] Re: [HomeBrew] Radio Building Blocks
> Message-ID: <Pine.OSF.4.05.9904281411480.16200-100000@duke.usask.ca>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> I seem to remember something like this in the ARRL handbook. I think it
> was the R2 receiver?
>
> Brian.
>
> On Wed, 28 Apr 1999, William Phinizy wrote:
>
> > Jim..
> >
> > This is an excellent idea. Others have used this approach already (I
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> > miniaturization concept mught be ambitious, but the circuits are
> > worhty of your regard.
> >
> > Good luck and 72,
> >
> > Bill
> >

> > -----Original Message-----
> > From: Jim Glover <psykey@okcforum.org>
> > To: qrp-l@lehigh.edu <qrp-l@lehigh.edu>; homebrew@qth.net
> > <homebrew@qth.net>; okcham@okcforum.org <okcham@okcforum.org>
> > Date: Wednesday, April 28, 1999 12:39 PM
> > Subject: [HomeBrew] Radio Building Blocks
> >
> >
> > |A friend (Mark, KD5AMB) and I are planning to develop an idea we've
> > |cooked up together, to build basic radio circuits (such as mixers,
> > |oscillators, RF amplifiers, AF amplifiers, filters, and so on) as
> > |separate building blocks, and then wire the blocks together, to
> > |make projects such as receivers, transmitters, and transceivers.
> > |The idea is to have building blocks which could be mixed and matched
> > |in various ways, cabled together to assemble something useful, and
> > |then disassembled into parts for something else.
> > |
> > |Consider, for example, a direct conversion receiver, which would
> > |require a low-pass filter, a local-oscillator signal source, a
> > |mixer, and an audio amplifier. The signal source could be a crystal
> > |oscillator, a VFO circuit, a signal generator, or a DDS VFO (made
> > |from a kit, homebrewed, or bought from commercial sources). The
> > |audio amplifier could be one of several possible homebrew circuits,
> > |the phono input on a stereo, or a Radio Shack speakerphone (I guess
> > |they still make those!).
> > |
> > |The filter, a crystal oscillator circuit, the mixer, and the audio
> > |amplifier could all be built from simple circuits (or not-so-simple
> > |circuits, or commercially available ready-made devices). Assuming
> > |they were all built by hand, each could be built in its own little
> > |box, with connectors for power, inputs and outputs. Each box would
> > |not only contribute to the building of a simple direct conversion
> > |reciever, but could also be used to contribute to more complex,
> > |sophisticated projects, in the future.
> > |
> > |With a complete set of these radio biulding blocks, a tinkerer
> > |could put together a different sort of device to play with, each
> > |evening. This is sort of the same idea as a 100-in-1 electronics
> > |projects kit. It brings the concept one layer deeper, though,
> > |by first using elemental electronics components to build basic
> > |radio circuit modules, and then using those modules as the lego
> > |blocks (Lincoln logs, tinker toys, Erector set, Mechano set, or
> > |whatever sort of building kit toy you're familiar with) out of
> > |which working radios can be built.
> > |
> > |We imagine this would be not only a flexible and satisfying way
> > |to approach homebrewing, but also, a fun way to learn more about
> > |how radio works, and a way to snag the interest of kids. (Just

> > |gotta make sure they get their license before they build anything
> > |that goes on the air!)
> > |
> > |What do you think? Ideas? Comments? Suggestions?
> > |
> > |--Jim WB5UDE
> > |
> > |----
> > |Submissions: homebrew@qth.net
> >
> >
>
> +---
> -+
> | Brian Buydens,   Computing Services, University of Saskatchewan
> |
> | email: Brian.Buydens@usask.ca   http://duke.usask.ca/~buydens
> |
> | VE5RDV
> |
> +---
> -+
>
>
>
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 14:17:05 -0600
> From: "Down" <adown@sprint.ca>
> To: "QRP-C" <qrp-canada@lists.gpfn.sk.ca>
> Cc: "Earl" <earlmurf@telusplanet.net>, "QRP-L" <qrp-l@lehigh.edu>
> Subject: [39203] Fw: April 28, 20m bow-k
> Message-ID: <199904282014.QAA25297@hme0.mailrouter02.sprint.ca>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=ISO-8859-1
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
>
> : Thought we were going to do ok today. Started off not too badly, but
> took
> a
> : header after first half hour.
> :
> : Lots of QRM from 14280 up to 14292, so had to hang on hard to keep my

> spot
> : at 14284/14285. Too bad we couldn't give you a bit more on the log
> : folks....I swung beam from East to SE to South to SW to West es
> NortWest,
> : lingering a few minutes at each spot, es then moved back in reverse.
> Tried
> : dipole abt every 15 minutes as well....just no ops to be heard QRP where
> I
> : was. lots happening around me tho......anyone hear me other than these
> : stations logged??
> :
> : April 28 20meters ssb 14285 1700z-1900z from VE5HQ Sask.
> :
> : Time   Call   Name   rx /tx   QTH   QRP-C#   Pwr
> : 1702z   KR0I   Mac   49   49   Mo   110
> : 1707z   VE7DU   Cliff   57   57   BC   5w
> : 1725z   WA7FBO   Don   59   44   Wa   5w
> :
> : Sorry abt the lack of flowers today...will be on 80m April 30 at 0100z
> on
> : or near 3.560.0 cw...(yes, I will be there the right time es
> day....some
> : kind soul is sure to remind me...hi!)
> :
> : 72,
> : Bill..   "Pounding Brass in Regina, Sask."
> : VE5HQ   http://www.qsl.net/ve5hq/
>
> ------------------------------
>
> Date: Fri, 30 Apr 1999 13:22:31 -0700
> From: Jim <w7ls@blarg.net>
> To: kartys@ncs.gov, qrp-l@lehigh.edu
> Subject: [39204] Re: Solar/Battery/Cranked AM/FM Radio for $19.99
> Message-ID: <372A1107.A4ED0AAA@blarg.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I've been thinking the same thing. I might just get one and gut it. Let's
> see,
> you slit it up the front and hang it from a tree to get the juices out,
> then.......
>
> Jim W7LS
>
> "Karty, Steven" wrote:

>
> > I happened to find a copy of an advertising supplement (to the 16 April
> 1999
> > Salt Lake Tribune) from General Army Navy Outdoor Store, 4974 So.
> Redwood
> > Rd., phone 966-5556, which lists a $19.99 Solar/Battery/Cranked AM/FM
> Radio.
> > It might be fun for some of our hardier members to modify for QRP.
> > 72, Steven - N5SK
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 16:17:52 EDT
> From: Robsparks@aol.com
> To: qrp-l@lehigh.edu
> Subject: [39205] AR-QRP 40 m Net Tonight
> Message-ID: <eb51be6c.2458c6f0@aol.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> AR-QRP 40 m Net Wednesday Night
>
> The AR-QRP 40 m net is tonight, Wednesday, at 0030Z (7:30 CDT) at 7.042
> MHz.
> Bob, AB5ZD is NCS and will be calling "CQ AR QRP NET de NQ5RP PSE QNI".
> (Note
> the use of our new club call!) At that time, please send your full call.
> When
> I copy it, I will return your call and AS (stand by) while more call in.
> When
> I have the list, I will start at the top and go down the list for reports
> and
> comments. If you are trying a new rig or antenna, tell us about it! This
> is a
> fun, informal net. It is a low hassle way to learn how to check into a
> net,
> and you don't need to be a member of the AR-QRP Club to check in. We
> welcome
> new check-ins! Here's hoping that the bands will cooperate!
>
> 72,
>
> Bob AB5ZD
>
> ------------------------------

>
> Date: Wed, 28 Apr 1999 16:20:17 -0400
> From: Don Lefrancois <wb1cdh@cwix.com>
> To: QRP-L <QRP-L@Lehigh.edu>
> Subject: [39206] MPX-MINI By Digitrex
> Message-ID: <000101be91b4$88e67ce0$e1433ea6@0302316260447626>
> MIME-version: 1.0
> Content-type: text/plain; charset="iso-8859-1"
> Content-transfer-encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi Guys,
>   Anyone ever have any experience with a MPX-MINI Multiband
> Transceiver by Digitrex. I had one a while back and it looked great,
> promised much and drifted all the time. All of a sudden it has peaked my
> interest again.
>
> Don/ K1NNP
> Jewett City, Ct.
>
>
> ------------------------------
>
> Date: 28 Apr 99 16:40:13 EDT
> From: Roy Lincoln <wa4dou@usa.net>
> To: w7ls@blarg.net, qrp-l@lehigh.edu
> Subject: [39207] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
> Message-ID: <19990428204015.1042.qmail@www0q.netaddress.usa.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset=US-ASCII
> Content-Transfer-Encoding: quoted-printable
> Content-Transfer-Encoding: quoted-printable
>
>   Hi All,
>   I have a hard time believing that a radio with a hand cranked generat=
> or at
> $20 can be anything but junk. 73 Roy Lincoln
> WA4DOU--=
> --=
> --
>   =
>   =
>
>   Jim
> <w7ls@blarg.net> wrote:
> I've been thinking the same thing. I might just get one and gut it. Let's=
> see,
> you slit it up the front and hang it from a tree to get the juices out,

> then.......
>
> Jim W7LS
>
> "Karty, Steven" wrote:
>
> > I happened to find a copy of an advertising supplement (to the 16 April=
> 1999
> > Salt Lake Tribune) from General Army Navy Outdoor Store, 4974 So. Redwo=
> od
> > Rd., phone 966-5556, which lists a $19.99 Solar/Battery/Cranked AM/FM R=
> adio.
> > It might be fun for some of our hardier members to modify for QRP.
> > 72, Steven - N5SK
> >
> >
> ____
> Get free e-mail and a permanent address at
> http://www.netaddress.com/?N=3D=
> 1
>
> ------------------------------
>
> Date: Fri, 30 Apr 1999 13:47:51 -0700
> From: Jim <w7ls@blarg.net>
> To: Roy Lincoln <wa4dou@usa.net>, qrp-l@lehigh.edu
> Subject: [39208] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
> Message-ID: <372A16F7.25120C3D@blarg.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi, Roy. It's a typical cheap am/fm radio with a little solar panel on
> top and a toy motor with a windup spring in there, too. Or it might be a
> supercap to hold the charge. At any rate, the Pixie would work nicely off
> of that power and it is so small, it would rattle around inside. May try
> it.
>
> Jim W7LS
>
> Roy Lincoln wrote:
>
> >   Hi All,
> >   I have a hard time believing that a radio with a hand cranked
> generator at
> > $20 can be anything but junk. 73 Roy Lincoln
> >

> WA4DOU----------
> ----------
> >
> >   Jim
> > <w7ls@blarg.net> wrote:
> > I've been thinking the same thing. I might just get one and gut it.
> Let's see,
> > you slit it up the front and hang it from a tree to get the juices out,
> > then.......
> >
> > Jim W7LS
> >
> > "Karty, Steven" wrote:
> >
> > > I happened to find a copy of an advertising supplement (to the 16
> April 1999
> > > Salt Lake Tribune) from General Army Navy Outdoor Store, 4974 So.
> Redwood
> > > Rd., phone 966-5556, which lists a $19.99 Solar/Battery/Cranked AM/FM
> Radio.
> > > It might be fun for some of our hardier members to modify for QRP.
> > > 72, Steven - N5SK
> >
> > _____
> > Get free e-mail and a permanent address at
> http://www.netaddress.com/?N=1
>
>
> ----------
>
> Date: Wed, 28 Apr 1999 16:50:31 -0500
> From: Randy Randall <RANDALLR@Healthall.com>
> To: qrp-l@Lehigh.EDU, wa4dou@usa.net
> Subject: [39209] Re: [Re: Solar/Battery/Cranked AM/FM Radio for $19.99]
> Message-ID: <s7273c8b.081@Healthall.com>
> Mime-Version: 1.0
> Content-Type: text/plain
> Content-Disposition: inline
>
> I have seen on of these and you are right. J U N K ! If you could wind
> the gen for more than an hour before the handle broke, you would be lucky.
>
> Randy KB8ASO
>
> Randy E. Randall
> Network Engineer
> The Health Alliance of Greater Cincinnati
> 3200 Burnet Ave. Room 4618

> Cincinnati, Ohio 45229
> Ph. 513-585-7146
> E-mail randallr@healthall.com
>
> >>> Roy Lincoln <wa4dou@usa.net> 04/28 3:40 PM >>>
> Hi All,
> I have a hard time believing that a radio with a hand cranked
> generator at
> $20 can be anything but junk. 73 Roy Lincoln
> WA4DOU----------
> ----------
>
> Jim
> <w7ls@blarg.net> wrote:
> I've been thinking the same thing. I might just get one and gut it. Let's
> see,
> you slit it up the front and hang it from a tree to get the juices out,
> then.......
>
> Jim W7LS
>
> "Karty, Steven" wrote:
>
> > I happened to find a copy of an advertising supplement (to the 16 April
> 1999
> > Salt Lake Tribune) from General Army Navy Outdoor Store, 4974 So.
> Redwood
> > Rd., phone 966-5556, which lists a $19.99 Solar/Battery/Cranked AM/FM
> Radio.
> > It might be fun for some of our hardier members to modify for QRP.
> > 72, Steven - N5SK
>
>
> _____
> Get free e-mail and a permanent address at http://www.netaddress.com/?N=1
>
> !
> !
>
> !
> !
>
>
>
> ----------
>
> Date: Wed, 28 Apr 1999 17:06:56 -0700
> From: ke3fl@juno.com

> To: qrp-l@lehigh.edu
> Subject: [39210] Diode?
> Message-ID: <19990428.170656.16166.12.ke3fl@juno.com>
>
> Sorry this is not exclusivly a QRP question.
>
> After replacing the finals in my 2-meter mobile rig (4W - 40W)
> I also found that a diode was dead. The part number listed
> in the service manual is:
>
>   MI407
>
> Can anyone tell me what it is? Can I substitute a 1N4148?
> (I've already done so to at least test it out & I now have full
> operation back. I don't want to use it on the air if it is not a
> good replacement since it could be causing other problems.)
>
> Thanks & please respond to me at ke3fl@juno.com.
>
> If anyone want the answer e-mail me & I'll pass the answer on.
> If too many ask I'll post it.
>
> 72 & 73 de KE3FL
> Phil
>
> ____
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 15:15:39 -0600
> From: Steve Kubisch <WW7Y@sisna.com>
> To: qrp-l@lehigh.edu
> Subject: [39211] QRP-ARCI Spring Quarterly ??
> Message-ID: <37277A7B.AB460A6F@sisna.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Is the spring quarterly out yet? I renewed in November so didn't expect
>
> to get the Winter issue but should have recieved the Spring. Who do I
> contact to check on my renewal?
>
> Thanks and 73,

>
> --
> Steve Kubisch -WW7Y-
> 640 East 250 North
> Centerville, Utah 84014
> WW7Y@sisna.com
> QRP-ARCI #8559 NorCal #258 QRP-L #94
>
>
>
> ------------------------------
>
> Date: Thu, 8 Apr 1999 04:15:09 -0500
> From: "Charles Hamel" <cdhamel@pdq.net>
> To: "QRP List" <qrp-l@Lehigh.EDU>
> Subject: [39212] Power Supply!
> Message-ID: <005701be81a0$4f13ca00$f61990d1@cdhamel>
> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I'm getting ready for may new SWL40+ kit in the mail, and preparing the
> house for the new baby!!(The radio that is).
>
> I have a Rat Shack Micronta Regulated 12 volt Power supply
> rated at 13.8 VDC & 2.5A
>
> My question is this going to work FB with the SWL40+??
>
> Also I am getting a MFJ-971 ATU? I would welcome any comments on that item
> also!
>
> Reply to me personally!!   Thanks
>
> cdhamel@pdq.net
>
> Thanks & 73's
>
> Charles (KC5DXQ)
>
>
>
> ------------------------------
>
> Date: Thu, 29 Apr 1999 07:27:00 +1000
> From: "Ian C. Purdie" <purdic@integritynet.com.au>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39213] Radio and Electronics magazine
> Message-ID: <37277D24.A368E521@integritynet.com.au>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi Gang,
>
> Slightly off the QRP track but would anyone have back issues of the old
> Radio and Electronics
> magazine (called Electronics Now - now?). In particular issues for Feb
> 1983 to April 1983
> containing antenna articles by R.W. Burhans.
>
> I desperately need copies these articles. Reply direct rather than bore
> everyone to death.
>
> Thanks in advance.
>
>
> 73's
>
> Ian
>
>
>   ------------------------------------
>   Ian C. Purdie
>   138 "Bevington Village", 186 Sunrise Avenue,
>   Budgewoi   N.S.W. 2262,   AUSTRALIA
>   61+2+4399 3228
>   URL: http://www.integritynet.com.au/~purdic
>   Email: purdic@integritynet.com.au
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 14:32:51 -0700 (PDT)
> From: Ron Stark <ku7y@dri.edu>
> To: Steve Kubisch <WW7Y@sisna.com>
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39214] Re: QRP-ARCI Spring Quarterly ??
> Message-ID: <Pine.SOL.3.96.990428143153.23489D-100000@vortex>
> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> On Wed, 28 Apr 1999, Steve Kubisch wrote:
>

> > Is the spring quarterly out yet?
>
> Hi Steve,
>
> The QRP ARCI doesn't have a Spring Quarterly.
>
> 73, Ron,   SOWP 5545M,
>
> ....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
> ....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
> ....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 03:21:51 -0400
> From: Joseph Mikuckis <k3chp@erols.com>
> To: qrp-l@Lehigh.EDU
> Subject: [39215] Service Manual Help
> Message-ID: <3726B70F.64B7@erols.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Can someone give me a lead as to how and where I can obtain a service
> manual for Kenwood TS-430S?
>
> Thak you very much!
>
> Joe, K3CHP
> Riverdale, MD
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 14:56:27 -0700
> From: Bob Hightower <ki7mn@extremezone.com>
> To: qrp-l@lehigh.edu
> Subject: [39216] QTTF
> Message-ID: <199904282154.OAA29153@enterprise.extremezone.com>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Finally getting around to figuring out my score for QTTF. It isn't that
> great, but that wasn't the point of going, anyway.
>

> Brian W5VBO, his YL, my YL Bertie N7XJW and I went up just north of
> Payson,
> AZ at about 7700' to cool off and play radio. Got ther in plenty of time
> Friday to put up antennas, but the wind was so fierce that it kept blowing
> my 1/2 oz. sinker back to me after it left the slingshot. So, waited until
> dusk to get the G5RV upat about 50+ feet. Had the screwdriver on the
> motorhome for backup, so wasn't worried. And, it was cold. Made me think
> we
> had the wrong contest, maybe a second FYBO :^).
>
> Played around with the rig a bit, then hit the sack waiting for the test
> to
> start. Brian and I were so close together, we decided to alternate on the
> bands so as not to interfere with each other. This is supposed to be fun,
> right? Well, woke up to a cold, snowy morning with the wind blowing again,
> so opted to stay in the MH and work from there. The rig (TS-450 cranked
> down to 5 watts per the WM-2) wouldn't xmit. Opened it up and found that,
> at the connection to the center pin of the SO-239, only a bitty wire about
> 26 ga or so, had broken. Trashed the tool box trying to find something to
> fix it with, and only had a butane mini torch. Not good, that one.
>
> Brian managed to come up with a 12V iron, so I got it soldered in time to
> make the start.
>
> Managed 9 QSO's on 20, and 7 on 15, which surprised me. Actually, 15 gave
> me contacts on the East coast and Panama, while 20 was good for the
> shorter
> ones. Total score only 6720, but was happy to get Cam HP1AC and a few
> others on the list. First QSO was Jeff AC6KW, who I told I would be
> listening for him from the Santa Cruz mountains.
>
> All in all, great fun, very relaxing (once the rig was fixed), and I'd do
> it again, but without the snow, thank you. We all opted to drive down the
> hill into town to spend the night Saturday. Let's do it again.
> 72,73
> Bob Hightower KI7MN
>
> http://www.extremezone.com/~ki7mn
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 15:03:59 -0700
> From: "mail" <richqrp@home.com>
> To: <n7kt@earthlink.net>, "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Subject: [39217] Re: Chernobyl Virus and reformatting HD
> Message-ID:
> <00b001be91c3$04b0d2e0$f5460418@cx55215-a.elcjn1.sdca.home.com>

> MIME-Version: 1.0
> Content-Type: text/plain;
>   charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
>
> Hello to all.
>   Let me get this straight. If I would have just not turned my PC
> on,
> this date, I would not have got the virus??
>   You know, I have heard so many threats of viruses that I just thought
> that this was another hoax.
>   Thanks.... Rich / WD6FDD
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 16:06:14 -0500
> From: pierce@rice.edu (George F. Pierce)
> To: qrp-l@lehigh.edu
> Subject: [39218] Dayton Roomate
> Message-ID: <v0151010bb34c942439af@[128.42.176.176]>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> I need roomate at Days end South (Dayton) for fri/sat only. Non smoker.
> Otherwise I will let room go and crash with someone else. Any one out
> there
> that has a room and like me can only do fri/sat?
>
> Also still looking for ride from Columbus Friday afternoon.
>
> George F. Pierce III
> WA5ABS M0BOD
> Email: pierce@rice.edu
>
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 18:07:58 -0400
> From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
> To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
> Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
> Subject: [39219] WTB:Harvey Wells Bandmaster Tuner
> Message-ID: <199904281811_MC2-73BF-C44F@compuserve.com>
> MIME-Version: 1.0

> Content-Transfer-Encoding: 7bit
> Content-Type: text/plain; charset=us-ascii
> Content-Disposition: inline
> Content-Transfer-Encoding: 7bit
>
> Gang:
>
> This is a wild shot in dark, but does anyone have an old Harvey Wells
> Bandmaster tuner? Someone suggested that this unit would meet my need for
> a large commercial-grade z-match tuner.
>
> Will pay top dollar for one in good-to-excellent condition. Please let me
> know. Thanks :-).
>
> 72,
> --Doc Lindsey/K0EVZ
>   DSBF
>   PO BOX 7187
>   Bismarck, ND 58507
>   70511.3041@compuserve.com
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 21:16:42 +0000
> From: "Walter D. Amos" <waltk8cv@surfree.com>
> To: Peter_DL2FI@csi.com
> Cc: Qrp-l Reflector <qrp-l@lehigh.edu>
> Subject: [39220] Re: Which wire for the QRP-PA
> Message-ID: <37277ABA.30F91AEC@surfree.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Oh ..... happy dance , tippy tap, tippy tap! ..... my DL-QRP-PA
> NOW works as you said it should !!! ..... :-) Thanks for the post
> on tr-1, that was the fix, now get well over 5 watts!
>
> 72
> --
> Walt K8CV Royal Oak, Michigan, qrp-l # 935, Zombie # 188 !
> "We're just a small sub-group of an eclectic corner of a dying hobby!"
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 18:18:01 -0400
> From: Tom Palmer <n1tp@worldnet.att.net>
> To: elawson@lr.net

> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [39221] Re: National Parks QRP Contest - QRPpark?
> Message-ID: <37278919.99656B59@worldnet.att.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I, for one, would especially enjoy a QSO from
> the Gettysburg (Pa.) Battlefield.
>
> Tom, N1TP.
>
> Ed Lawson wrote:
>
> > On Wed, 28 Apr 1999 08:32:46 -0700 (PDT), Jeff wrote:
> >
> > >Sooo if I am gonna get whacked for proposing a
> > >QRP contest of sorts. I hope those that whacked
> > >me attack who ever proposed this also.
> >
> > What is the big deal, it was just a suggstion.
> > Trying to expand the number of locations which
> > can be used which in turn might increase the
> > numbers who participate.
> >
> > I suspect if someone suggested a QRP
> > contest with multipliers for operating on
> > battlefields of the French and Indian War
> > those in the West might suggest some alternatives.
> >
> > I am finding the amount and fun quotiant of QRP contest/events
> > to be very high indeed and will participate every chance I get and
> > am thankful for those who dream them up and organize them.
> >
> > But I don't think making a suggestion is whacking anyone.
> > Trust me, if that was the intent, you would know it.
> >
> > Ed Lawson
>
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 17:44:02 +0000
> From: "Steven Weber" <kd1jv@moose.ncia.net>
> To: qrp-l@lehigh.edu
> Subject: [39222] 20W linear kit
> Message-ID: <199904282228.SAA25636@moose.ncia.net>

> MIME-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
> Content-Transfer-Encoding: 7BIT
>
> Hi Gang,
>
> I got a number of requests for more info on the 20 W linear. I'll do
> up some plans and if you'd like a copy, send me a green stamp to
> cover copying costs and return postage.
> (633 Champlain St, Berlin, NH 03570)
>
> I'm also willing to do up a parcial kit of the major componets, and
> looks like it would run $25.00 + postage. (This is NOT a newbie
> project, experianced builders only) Let me know if you'd be
> interested. (need at least 10, "got to have it" to make min order
> requirements)
>
> Although I built the linear for 20M, it also works well on 80 and 40,
> (1.5W in = 20W out) but has reduced gain on 15 and 10. (2W in=10W
> out)
>
> 72,
> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"
>
> ------------------------------
>
> Date: Wed, 28 Apr 1999 18:31:29 -0400
> From: Richard Arland <k7sz@epix.net>
> To: Mike Czuhajewski <wa8mcq@erols.com>, qrp-l@lehigh.edu
> Subject: [39223] 1998 President's Award
> Message-ID: <37278C41.E10FC14F@epix.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> I'd like to take this opportunity to personally thank Mike Czuhajewski,
> WA8MCQ, and all those associated with this award.
>
> Imagine my surprise to find this BEAUTIFUL (REAL wood) plaque in my
> mailbox this afternoon.
>
> Thanks and the very best to you all.
>
> 73 Rich K7SZ
>

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> End of QRP-L Digest 1440
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End of QRP-L Digest 1441
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